7.9.2019
At Northern Science Park, Chiang Mai

shaking & shifting
through the eyes of women
Welcome to TEDxChiangMai 2019 “Shake and Shift”.

If this is your first time at a TEDx event, this is our time to open our minds to new ideas, to shift perspective and to move forward together. Try to truly connect with what is happening and what is being said; try not to look at small screens; rather, look at people, introduce yourself, listen and connect.

Joining an actual event is different from watching the talks online. The talks are still key, but we encourage you to wander around and explore our activities, panels and exhibitions, enjoy meeting new people and savoring the food. Dive into the event and explore what we have to offer. For those who are familiar with TEDx events, there are a lot of things to explore in the different rooms and buildings at our awesome venue.

Our goal is to keep you excited, inspired and well-fed. What we would like you to take home from the event is more than ideas. We hope that our event will enhance your conversation with other people, and in turn, create communities where creative ideas spread and lead to real actions that have greater positive impact beyond borders.

TEDxChiangMai is an independently-organized TEDx event under license from TED. It is organized by volunteers and is a not-for-profit event. We started organizing our first event in Chiang Mai in 2011. Preparation of today’s event took over 10 months. We have received support from volunteers, sponsors, partners and speakers who are passionate about ideas and what we do. We would like to send our sincerest gratitude to all of them.

To our audience, thank you for showing up. There is an exciting day and journey ahead of us.

Annette, Bo, Bhummy, Lookkaew, Pop, Sally, Guide and Martin
TEDxChiangMai 2019 Organizing Team
Contents
**About TED**

TED is a nonpartisan nonprofit devoted to spreading ideas, usually in the form of short, powerful talks. TED began in 1984 as a conference where Technology, Entertainment and Design converged, and today covers almost all topics — from science to business to global issues — in more than 110 languages. Meanwhile, independently run TEDx events help share ideas in communities around the world.

**About the x in TEDx**

x = independently organized TED-like events

It is important that you understand the difference between TED and TEDx. The ‘x’ in TEDx indicates an independently organized TED event (under license) — so while this event complies with and is inspired by TED’s philosophy and guidelines, it has been organized over many months by volunteers in our community. Our hope is that by bringing you this event, the ideas presented will spark discussions, actions and new connections in our community.

**TEDxChiangMai Timeline**

- **TEDxThapaeGate**
  - Creating Connections
  - 2012

- **TEDxChiangMai**
  - Smart Societies
  - 2013
  - Dare to...
  - 2016

- **TEDxGlobalDay 2017**
  - 2017

- **TEDxChiangMaiWomen 2017**

- **TED Live 2017**

- **TEDxChiangMai 2019**
  - Shake and shift, through the eyes of women
TEDxChiangMai

TEDxChiangMai is an independently organized TEDx event, operated under license from TED. Entering its 8th year, TEDxChiangMai is more than an event — it is a platform for ideas worth spreading, a dialogue, a call for action, and a community of people who believe in ideas, creativity, innovation, and collaboration. Organized by a diverse group of volunteers and individuals, TEDxChiangMai is the largest TEDx event in Thailand. Apart from the large annual forum for creativity and ideas, TEDxChiangMai also organizes smaller events and activities throughout the year. Today, TEDxChiangMai 2019 ‘Shake and Shift... through the eyes of women’ has up to 600 participants.

Shake and Shift

TEDxChiangMai 2019 comes in the theme “Shake & Shift”. With this event, we explore how ideas and actions have the power to “shake” things up, “shift” perspectives, and lead to actions to make changes in personal, family, and community, national and international levels. TEDxChiangMai 2019 will feature a line-up of inspiring speakers, workshops, and activities that call for meaningful change, help us find common ground, turn small ideas into big ones, and give a voice to those with ideas worth spreading. We are looking forward to sharing a selection of topics, activities, speakers, and performers, with a slightly different perspective.
Design & Sculpture

The key visual of two faces facing different ways is designed by Nuttakarn Thachan. It is aimed to convey the shaking of thoughts and shifting in perspective, which is the concept of this year’s event.

Link: https://nuttakarnth.myportfolio.com/

The sculpture which is part of our stage is built by Sagon Luerit. Sakon is the artist who is specialised in creating sculpture from metal.

Link: https://www.facebook.com/SOFTasMETAL/

Our Wow! Venue

TEDxChiangMai 2019 takes place at the Northern Science Park. Not only is it a “Wow!” venue because of its modern design, it is the incubator that also supports research and development projects in science, technology and innovation. With collaboration among academic, industrial and government sectors, the goal is to push each project to be commercially sustainable, which in turn helps to increase the product’s value and maximizes the capacity to compete in the market, which will lift the economy and quality of life in local communities.

TEDxChiangMai2019 จะจัดขึ้น ณ อุทยานวิทยาศาสตร์ภาคเหนือ ซึ่งนอกจากจะมีความ Wow! ด้วยดีไซน์ที่ล้ำสมัยแล้ว อุทยานวิทยาศาสตร์ภาคเหนือยังเป็นสถานที่สนับสนุนการวิจัยและพัฒนา การวิทยาศาสตร์ เทคโนโลยี และนวัตกรรมร่วมกับภาคการศึกษา ภาครัฐ ภาคอุตสาหกรรม และภาคธุรกิจ เพื่อคู่คู่สู้กับวัฒนธรรมยุคใหม่ที่มีความหลากหลาย เพิ่มพูน ปลูกฝังทัศนคติ และพัฒนาคุณสมบัติใน การแข่งขันทางภาคตะวันออกเฉียงเหนือและการพัฒนาทางเศรษฐกิจ และคุณภาพชีวิตของคนในพื้นที่และประเทศ.
Shake and shift, through the eyes of women

12 ปีของปัญหาฝุ่นควันภาคเหนือ ถึง “จุดเปลี่ยน” ได้หรือยัง?

นับตั้งแต่รัฐมนตรีอาวุโสบอกถึงผลกระทบของการเผาพื้นที่ในช่วงฤดูเขา กรุงเทพมหานคร ปีพ.ศ. 2550 จนปัจจุบันเป็นเวลา 12 ปีแล้ว แต่ยังไม่มีการแก้ไขปัญหาอย่างจริงจัง ติดต่อกันทุกปีที่มีการเผาพื้นที่ที่หลากหลาย และมีหลักฐานที่อ้างอิงถึงการเผาพื้นที่ในช่วงฤดูที่มีอากาศแห้ง ทำให้ฝุ่นละอองที่รุนแรงมากกว่าที่เคยมีมาก่อน ถึงแม้จะมีการตั้งคณะกรรมการรักษาความสะอาดในการเผาพื้นที่ แต่ยังไม่เห็นผลจริงจัง นักวิทยาศาสตร์และนักจิตวิทยาได้ตั้งคำถามว่านักการเมืองจะดำเนินการอย่างไรในปีนี้

เนื่องจากปัญหาฝุ่นละอองที่เกิดขึ้นเป็นปัญหาที่ซับซ้อนและมีผลกระทบต่อสุขภาพของประชาชน ตลอดจนสิ่งแวดล้อม การแก้ไขปัญหานี้ต้องมีการวางแผนที่ดีและมีการลงทุนในการแก้ไขปัญหาอย่างจริงจัง

ข้อมูลที่ได้จากการศึกษาในช่วงปี พ.ศ. 2550 ให้เห็นว่าการเผาพื้นที่ในช่วงฤดูที่มีอากาศแห้ง มีผลกระทบต่อสุขภาพของประชาชนและสิ่งแวดล้อมอย่างมาก แต่ยังไม่มีการดำเนินการอย่างจริงจังในการแก้ไขปัญหานี้

คำถามที่ต้องถามคือว่า ปัญหาฝุ่นละอองในช่วงปีนี้จะได้รับการแก้ไขอย่างไร และจะมีผลกระทบอย่างไรต่อสุขภาพของประชาชนในช่วงฤดูที่มีอากาศแห้ง

ข้อมูลที่ได้จากการศึกษาในช่วงปี พ.ศ. 2550 ให้เห็นว่าการเผาพื้นที่ในช่วงฤดูที่มีอากาศแห้ง มีผลกระทบต่อสุขภาพของประชาชนและสิ่งแวดล้อมอย่างมาก แต่ยังไม่มีการดำเนินการอย่างจริงจังในการแก้ไขปัญหานี้

คำถามที่ต้องถามคือว่า ปัญหาฝุ่นละอองในช่วงปีนี้จะได้รับการแก้ไขอย่างไร และจะมีผลกระทบอย่างไรต่อสุขภาพของประชาชนในช่วงฤดูที่มีอากาศแห้ง

ข้อมูลที่ได้จากการศึกษาในช่วงปี พ.ศ. 2550 ให้เห็นว่าการเผาพื้นที่ในช่วงฤดูที่มีอากาศแห้ง มีผลกระทบต่อสุขภาพของประชาชนและสิ่งแวดล้อมอย่างมาก แต่ยังไม่มีการดำเนินการอย่างจริงจังในการแก้ไขปัญหานี้

คำถามที่ต้องถามคือว่า ปัญหาฝุ่นละอองในช่วงปีนี้จะได้รับการแก้ไขอย่างไร และจะมีผลกระทบอย่างไรต่อสุขภาพของประชาชนในช่วงฤดูที่มีอากาศแห้ง

ข้อมูลที่ได้จากการศึกษาในช่วงปี พ.ศ. 2550 ให้เห็นว่าการเผาพื้นที่ในช่วงฤดูที่มีอากาศแห้ง มีผลกระทบต่อสุขภาพของประชาชนและสิ่งแวดล้อมอย่างมาก แต่ยังไม่มีการดำเนินการอย่างจริงจังในการแก้ไขปัญหานี้

คำถามที่ต้องถามคือว่า ปัญหาฝุ่นละอองในช่วงปีนี้จะได้รับการแก้ไขอย่างไร และจะมีผลกระทบอย่างไรต่อสุขภาพของประชาชนในช่วงฤดูที่มีอากาศแห้ง
How can your waste in Chiang Mai end up in the ocean?

How can your waste in Chiang Mai end up in the ocean?

ขยะทะเล หมายถึง เศษวัสดุและขยะต่างๆ ที่มนุษย์สร้างขึ้นและอยู่ในทะเล/ชายฝั่ง ขยะทะเลที่ส่งผลกระทบต่อสิ่งแวดล้อม คือขยะที่ย่อยสลายยากมากหรือไม่ได้ เช่น พลาสติก เชือก แบน ลด ขยะทะเลประมาณ 80% เกิดขึ้น แผ่นดิน จากทุ่นที่ลงมาตามแม่น้ำลำคลองสู่ทะเล ผ่านกระบวนการด้อยสีต่อสัตว์หายาก ระบบนิเวศ และพลาสติกย่อยต่อที่เป็นไมโครพลาสติก ทำให้ต้องใส่อาหารและกลับมาถึงสุขาภิบาลของมนุษย์

ประเทศไทยถอยพลาสติกลงไปเป็นอันดับ 6 ของโลก สิ่งที่เราสามารถทำได้ที่สุดคือ การลดพลาสติกใช้แล้วทิ้งที่สิ่งที่เราพยากรณ์ได้ว่าอยู่ที่ไหน อย่างชั่งน้ำหนักด้วยลบ

ผศ.ดร.ธรณ์ ธำารงนาวาสวัสดิ์ รองคณบดี คณะประมง มหาวิทยาลัยเกษตรศาสตร์
Aging Population on the Rise

From the beginning of the baby boomer generation and beyond, we are seeing a significant rise in the aging population. This is due to various factors such as improved medical care, increased life expectancy, and changes in fertility rates. As a result, we are seeing a demographic shift that will have far-reaching implications for society.

The impact of this shift is profound, affecting everything from the labor market to healthcare costs and social services. The challenge is to adapt our systems and policies to meet the needs of an aging population, while ensuring that our younger generations are also supported.

Preparation and planning are crucial in this context. It is not just a matter of providing healthcare and social services; it is also about ensuring a sustainable future for everyone. This requires a collaborative effort between government, businesses, and communities at large.

The aging population presents both opportunities and challenges. By embracing this shift, we can create a more inclusive and equitable society for all.

Dr. Surattana, Dean of
GMC (Germ Theory of Aging)
What you need to know...

Even though this is the eighth event of its kind, we always try new things with all our events. Please be patient if things do not go quite as planned. We apologize in advance if any concerns are not dealt with in time, our volunteer team of organizers work tirelessly to assist you, but please help them in understanding your needs too. Thank you and enjoy your time at TEDxChiangMai 2019.
Auditorium | Ground Rules

Name Tag ป้ายชื่อ

your name tag is your passport for everything today, so keep it visible at all times. your name tag will be needed during breaks, lunch, the post event party and so forth. if you damage or lose your name tag, please seek help from the registration desk.

Due to the live transmission, video recording and our speakers’ and performers’ timing, we apply rules similar to that of a theatre performance or live studio show.

• please turn off your phone or put it on silent.
• doors must remain closed during a session.
screens in the lobby area will show a live stream at the brick x room for those unable to take a seat before a talk starts.
• as we are filming, please refrain from standing and moving during a session, particularly during a talk.
• please help keep the auditorium as quiet as possible during talks. please refrain from using or talking on mobile phones, tablets, and other devices that cause disruptive noises and light. devices should be put on silent at all times during a talk. violating this rule may result in you being asked to leave the auditorium.
• use of laptops, tablet, pda or smart phones is not permitted in the auditorium.
• photos are most welcome, but no flashes please. videoing is prohibited.

We have worked all year to make this TEDxChiangMai the best TEDx ever and to make your experience with us enjoyable and inspiring. Please follow our few simple rules to keep this day fun!

We have an audience of almost 600 people and we understand that finding your seat takes time. Please help us stay on schedule by taking your seat punctually before the start of each session.

We have an audience of almost 600 people and we understand that finding your seat takes time. Please help us stay on schedule by taking your seat punctually before the start of each session.

We have an audience of almost 600 people and we understand that finding your seat takes time. Please help us stay on schedule by taking your seat punctually before the start of each session.

We have an audience of almost 600 people and we understand that finding your seat takes time. Please help us stay on schedule by taking your seat punctually before the start of each session.

We have an audience of almost 600 people and we understand that finding your seat takes time. Please help us stay on schedule by taking your seat punctually before the start of each session.
Simultaneous Translations
การแปลภาษาสด
Translation devices: Each talk will be accompanied by simultaneous translations from either Thai to English, or English to Thai. You can obtain a wireless receiver upon deposit of an original valid I.D. card or passport (driver’s licenses are not accepted) at the Infomation Desk in the NSP Reception Hall.

Lunch and Breaks
อาหารกลางวันและอาหารว่าง
For our lunch buffet, we have selected various types of food for you choose from. We will also serve snacks between talks. You will receive information about where and how to get your lunch and snacks on event day.

Please bring your own reusable cup or bottle. We will provide drinking water for you to refill for free.

Social Media Guidelines
โซเชียลมีเดีย
Our TEDxChiangMai community is driven by the sharing of stories with one another and with those further afield. Everybody can be a part of our community through social media by using this hashtag: #tedxchiangmai.

For our lunch buffet, we have selected various types of food for you choose from. We will also serve snacks between talks. You will receive information about where and how to get your lunch and snacks on event day.

Please bring your own reusable cup or bottle. We will provide drinking water for you to refill for free.

Seating Arrangement
การจัดที่นั่ง
We ask students to co-operate by sitting in the area towards the rear of the auditorium.

Apart from the seats reserved for V.I.P.s and speakers, seats are available on a first-come first-served basis. A variety of seating options are available, including an informal area at the Brick X adjacent to the auditorium. Screens and audio speakers provide live-streaming throughout the event area. If you need handicap assistance, please notify the registration desk or staff.
In Case of Emergency, First Aid, Lost and Found

In Case of Emergency, First Aid, Lost and Found กรณีฉุกเฉิน, การปฐมพยาบาล, และกรณีของหาย

In case of emergency or if you see suspicious activities, please notify the nearest Northern Science Park’s staff, or TEDx staff immediately. In case of a fire, calmly and quickly exit the building through the fire exits. Do not use the elevators.

Most activities throughout the day do not require much physical effort, so there is no First Aid station in the event. However, if you feel sick, uncomfortable or need any medical help, please contact our Staff immediately. Lost and Found is located at the Information Desk in the NSP Reception Hall.

NORTHERN SCIENCE PARK (NSP) FLOOR PLAN LAYOUT

OVERVIEW OF 1ST FLOOR
Activities and Exhibitions

Lunch Panels, workshops and activities

The lunch panels, workshops and activities start about 30 minutes after the beginning of the lunchbreak.

- **North–South Craft Panel Discussion** (40-60 people)

  The lunch panels, workshops and activities begin about 30 minutes after the beginning of the lunchbreak.

  Our North South Craft Panel, welcomes as a special guest from the deep South of Thailand, Ms. Ameenoh Hayimasae, Head of Wanita Enterprise for Communities (Pattani). http://www.wanita.in.th

- **Board Games for Social Change – Panel & Workshop by FNST**

  The Board Games for Social Change – Panel & Workshop by FNST (40-70 people) is a special feature at TEDxChiangMai.

Other than talks, TEDxChiangMai and our partners have prepared activities and exhibitions for you to enjoy at the event. Activities listed in this booklet are only examples, please go and explore all of them.
focus on big data and artificial intelligence, and what it means for the people. (D2)

• **Panel Discussion on Social Media Awareness by AIS (15-20 people)**
  การเสวนาเรื่องการใช้โซเชียลมีเดีย โดยมีสปีกเกอร์หลายท่านที่ใช้ประโยชน์จากสื่อโซเชียลยุคปัจจุบันเข้าร่วมเสวนา กิจกรรมนี้ยังมีเกิดขึ้นได้ในที่ไอฟิส อาร์เคส C1  This panel discussion is joined by selected speakers who use social media as part of their lifestyle and career. The activity will be held at the AIS booth. (C1)

• **Alternative fitness exercises by Highlandner (2 x 20)**
  เรียนรู้และทดลองการออกกำลังกายแนวใหม่กับ Highlandner พาร์ทเนอร์ของเรา Learn and try the alternative fitness exercises with our partner, Highlandner (Highlander Shop).

• **Stretching, yoga and other exercises by ChivaCare. (2 x 30)**
  ชีวาแคร์จะจัดกิจกรรมผ่อนคลายความเครียดด้วยการยืดเส้นยืดสาย ท่าออกกำลังกาย และโยคะ ChivaCare will run two rounds of stretching, yoga, and relaxing exercises. For all ages and suitable for various levels. (D2 but please check)

• **Craft Exhibition**
  พักกับนิทรรศการผลงานคราฟท์ จากภาคเหนือ และภาคใต้ โดยบริติช เคาน์ซิล ร่วมกับ สล่าเมด และ อุทยานวิทยาศาสตร์และเทคโนโลยี มหาวิทยาลัยเชียงใหม่ Craft exhibition with products from North and South Thailand co-organized by the British Council, Gift & Life Style (STeP), Salahmade and Chiang MICE (C1)

• **STeP Innovation and start-up exhibition**
  STeP: งานแสดงผลงานของผู้ประกอบการของโครงการต่างๆ รวมถึง technology start-ups. STeP will showcase its services for SMEs, start-ups, and different projects. Various technology start-ups from STeP’s incubator will be exhibiting. (A1)

• **North South Craft Exhibition (British Council and salahmade) and Fashion & Life Style Design showcase (STeP) (C1)**

• **Chiang MICE:** สาธิตการชงชาจากดอยปู่หมื่น เทรนด์การดื่มกาแฟจากหมู่บ้านละอูบ งานแสดงผลสินค้าที่น่าสนใจ เกิดขึ้นในงานแสดงผลสินค้าและฟีเจอร์น่าสนใจที่น่าสนใจ เช่น Chiang Mai 7 Wonders (C1)

• **Blackmores:** อบรมเครื่องดื่มสุขภาพใหม่ รับบัตรส่วนลดและถุงผ้า Health drink tasting, get free bag and discount voucher (B1)

• **CMEx & ChivaCare:** สร้างความยั่งยืนในสังคมการแพทย์ ทางวิทยาศาสตร์ ด้วยกิจกรรมสุขภาพ ที่นำเสนอชุดการบริการวิทยาศาสตร์สุขภาพ Health Check Up • นิทรรศการชุดประวัติเมืองเชียงใหม่ First Aid Training (B1)

• **ChivaCare:** ชิมเครื่องดื่มสุขภาพใหม่ รับบัตรส่วนลดและถุงผ้า | Health drink tasting, get free bag and discount voucher (B1)

• **TCELS:** Booth and discussion about เชียงใหม่ เมืองสุขภาพ Medicopolis and Digital Health start-up opportunities (A1)

• **FNST:** ฝึกคิดแก้ปัญหาการเมืองผ่านบอร์ดเกม Peace So Crazy Board Games (C1 BX)

• **นิทรรศการเกร็ดความรู้ด้านนโยบายสาธารณะ by SPP**
  เป็น Interactive Exhibition ที่แสดงให้เห็นถึงความเชื่อมโยงของวิถีชีวิต, ความเป็นจริง, และความเป็นไปได้ ผ่านการนำเสนอความเป็นผู้หญิง (Build Our Connected World) และภาพจำาลองสามมิติของเมืองเชียงใหม่ที่ยังไม่สมบูรณ์ แต่เปิดให้ทุกคนมีทุกคนมีส่วนร่วมในการเติมเต็มประเด็นของเมืองเชียงใหม่ (CNX 3DMaps)
  This is an interactive exhibition which conveys connections between way of life, truth, and possibilities, through the perspective and experience of women (Build Our Connected World). It also includes Chiang Mai 3D Map (work in progress). (A1 Reception)

• **B Grimm:** มาร่วมอนุรักษ์เสือโคร่งกันกิจกรรมสนุกๆ Tiger Conservation Awareness (B1)

• **AIS:** อนุรักษ์สิ่งแวดล้อม สร้างสมัครใจลดฝุ่นอากาศ Digital Intelligence, E-Waste Program (C1)

• **Many other activities** such as chocolate making, 3D printing, AQI air pollution sensor technology, music, etc. Delicious Food.

This is an interactive exhibition which conveys connections between way of life, truth, and possibilities, through the perspective and experience of women (Build Our Connected World). It also includes Chiang Mai 3D Map (work in progress). (A1 Reception)

TEDxChiangMai 2019
Shake and shift, through the eyes of women
Agenda
(indicative)

กำหนดการนี้เป็นเพียงกำหนดการพอสังเขป ทีมงานจะแจกกำหนดการให้อีกครั้งในวันงาน

Please refer to the final agenda that will be handed out on the day

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:55</td>
<td>Introduction</td>
</tr>
<tr>
<td>09:15</td>
<td>Session I</td>
</tr>
<tr>
<td>10:45</td>
<td>Break</td>
</tr>
<tr>
<td>11:15</td>
<td>Session II</td>
</tr>
<tr>
<td>12:30</td>
<td>Lunch</td>
</tr>
<tr>
<td>14:30</td>
<td>Session III</td>
</tr>
<tr>
<td>16:00</td>
<td>Break</td>
</tr>
<tr>
<td>16:45</td>
<td>Session IV</td>
</tr>
<tr>
<td>18:30</td>
<td>Closing</td>
</tr>
</tbody>
</table>
Speakers & Performers
Cities That Care ใส่ใจ ให้เมือง

Assistant Professor Dr. Antika Sawadsri ผศ.ดร.อันธิกา สวัสดิศรี
Inclusive Design Architect

https://www.facebook.com/view.antika

Dr. Antika Sawadsri is the Dean of the Faculty of Architecture at KMITL and is the President of the Council of Deans of the Architecture Schools of Thailand (CDAST).

Her academic background concerning the design process on inclusive design in public places, her PhD research at Newcastle University, UK, focusing on how disabled people negotiate with public facilities. She is continuously involved in learning and teaching how to implement universal or inclusive design concepts in the Thai context. Recently, Antika won the Gold Award from the International Association for Universal Design for the government adopting the inclusive design process for the development of the Chao Phraya riverfront.

Note
Let’s Not Accept a New Normal เชิงใหม่จะไม่ทน

Bunnaroth Buaklee บัณรส บัวคลี่
Activist

https://bunnarothwrite.blogspot.com/

A former journalist, Bunnaroth Buaklee is an activist and one of the members of the Hug Chiang Mai Association. Moving to Chiang Mai from the south in 2004, he became involved in community activities and has developed a deep connection with the city. He strongly believes in human rights and has an intense passion for environmental issues, especially the smog pollution problem.

Bunnaroth began to tackle and write about this problem as it began becoming more noticeable than when he first moved to Chiang Mai. In the years since, he has witnessed the issue becoming normalized as people became increasingly used to it. Because of this, to eliminate the problem, he decided to initiate a new project #เชียงใหม่จะไม่ทน (Chiang Mai ja mai thon, Chiang Mai will not endure this).
Shake and shift, through the eyes of women
The Cannabis Flower
แม่ดอกกัญชา

Chokwan Kitty Chopaka
ช่องวัน กิตติ้ย ช่อผกา
Cannabis Nerd

www.highlandnetwork.asia

Kitty is the founder & CEO of Elevated Estate, an industry-leading Cannabis-focused exponent, incubator, fund and consulting firm. Elevated Estate is an authoritative source of information and a vital community hub for the cannabis industry in Thailand and beyond.

Kitty’s background in corporate law, digital strategy and technology has enabled her to be a unique voice for cannabis advocacy. She is also part of The Highland Network core team, an organization dedicated to the goal of legalizing cannabis in Thailand.
The Paradox of AI Ethics: Why Rule-based AI Ethics Will Fail
วัฒนธรรม – จริยธรรม ของปัญญาประดิษฐ์

Dr. De Kai
ดร. เดอ ไค
AI Scientist & Musician

www.dekai.org

Author of the forthcoming book “Artificial Children”, Dr. De Kai works across disciplines in language, music, artificial intelligence and cognition. A distinguished research scholar at the University of California at Berkeley, he wrote a PhD thesis that was one of the first to construct probabilistic machines that learn to understand human languages. He became one of 17 scientists worldwide named as a Founding Fellow by the Association for Computational Linguistics.

Recruited directly from Berkeley as founding faculty of the now world-ranked Hong Kong University of Science and Technology, he started HKUST’s internationally-funded Human Language Technology Center, shaping new language and music AI paradigms.

Recognized as one of the 100 most influential figures in Hong Kong by Debrett’s, he is also one of eight inaugural members selected by Google in 2019 for its AI ethics council ATEAC (Advanced Technology External Advisory Council).

Note
Saranghae
ชารางฮเย

Embrace Studio. Chiang Mai by MIKE
เอ็มเบรส สตูดิโอ เชียงใหม่ โดยคุณนรนัด พัฒน์ทอง

Performers

https://www.facebook.com/embracestudio

สถาบันสอนเต้น Embrace Studio เป็นสถาบันสอนเต้นที่มีหลักสูตร UDO Street Dance Syllabus จากประเทศอังกฤษ ซึ่งรวบรวมหลักสูตรเต้นสมัยใหม่จากต่างประเทศ ไม่ว่าจะเป็น ไทย ญี่ปุ่น และสหรัฐอเมริกา ทีมเต้นของ Embrace Studio ได้รับรางวัลจากการแข่งขันระดับประเทศและระดับนานาชาติ ทั้งในไทยและต่างประเทศ รวมทั้งได้เข้ารอบ 36 ทีมสุดท้ายของ Thailand’s Got Talent 4 และเข้ารอบ 8 ทีมสุดท้ายของรายการ Thailand Dance Now ทีมซารางฮเย ทีมเต้น Kpop Cover Dance ทีมนี้เคยได้รับรางวัลชนะเลิศ Chiang Mai Dance Festival 2018 และรางวัล Yokoan Cover Dance 2016 มีสมาชิก 9 คน ประกอบด้วย Aom, Opal, Run, Model, Pinky, Carry, Stang, Ploy และ Freshy.

Saranghae performing artists are Aom, Opal, Run, Model, Pinky, Carry, Stang, Ploy and Freshy. Embrace Studio Chiang Mai is the dance school for anyone who is passionate about dancing. Our teachers and trainers received training in Thailand and internationally, in countries such as Japan, Korea, and USA. Dancing team from Embrace Studio have won awards in national and international competitions in Asia. They were also selected as one of the 36 finalists of Thailand Got Talent 4 and in the top 8 of Thailand Dance Now.

Note

สถาบันสอนเต้น Embrace Studio เป็นสถาบันสอนเต้นที่มีหลักสูตร UDO Street Dance Syllabus จากประเทศอังกฤษ ซึ่งรวบรวมหลักสูตรเต้นสมัยใหม่จากต่างประเทศ ไม่ว่าจะเป็น ไทย ญี่ปุ่น และสหรัฐอเมริกา ทีมเต้นของ Embrace Studio ได้รับรางวัลจากการแข่งขันระดับประเทศและระดับนานาชาติ ทั้งในไทยและต่างประเทศ รวมทั้งได้เข้ารอบ 36 ทีมสุดท้ายของ Thailand’s Got Talent 4 และเข้ารอบ 8 ทีมสุดท้ายของรายการ Thailand Dance Now ทีมซารางฮเย ทีมเต้น Kpop Cover Dance ทีมนี้เคยได้รับรางวัลชนะเลิศ Chiang Mai Dance Festival 2018 และรางวัล Yokoan Cover Dance 2016 มีสมาชิก 9 คน ประกอบด้วย Aom, Opal, Run, Model, Pinky, Carry, Stang, Ploy และ Freshy.

Saranghae performing artists are Aom, Opal, Run, Model, Pinky, Carry, Stang, Ploy and Freshy. Embrace Studio Chiang Mai is the dance school for anyone who is passionate about dancing. Our teachers and trainers received training in Thailand and internationally, in countries such as Japan, Korea, and USA. Dancing team from Embrace Studio have won awards in national and international competitions in Asia. They were also selected as one of the 36 finalists of Thailand Got Talent 4 and in the top 8 of Thailand Dance Now.
Jidanun Lueangpiansamut
จิดานันท์ เหลืองเพียรสมุท
Novelist

www.facebook/aldaruza/

Jidanun Lueangpiansamut started writing when she was 12 years old; her first publication came out when she was in university. Since then, she has gained a number of literary awards and at the age of 25 became the youngest Thai honouree to be awarded the S.E.A. Write Award for her collection of short stories “สิงโตนอกคอก” (sing toh nohk kohk) in 2018. Jidanun not only creates works of literary fiction but also writes stories involving fantasy, horror and gay affairs. From writing in different genres, she has learned about the diversity of thought, attitude and age inside the publishing industry, and about coping with rapid change caused by the digital revolution.
Dr. Jittiporn Kruenate

Innovation Driver

Dr. Jittiporn Kruenate is Vice President of the Science and Innovation Center of PTT Global Chemical PLC. She graduated with a PhD degree in Polymer Science and Technology from the University of Manchester and then worked for the National Science and Technology Development Agency (NSTDA) for 14 years, researching into the use of new bioplastics for agricultural applications.

Her research team garnered national and international awards such as the EUREKA award (2004), and the Innovative Award by the National Research Council of Thailand (NRCT, 2005). Her success led her to be recognized as a “Young Global Leader (YGL)” by the World Economic Forum in 2009.

Note
Shake and shift, through the eyes of women
Kawita Vatanajyankur
กวิตา วัฒนะชยังกูร
Artist
www.kawita-v.com

Kawita Vatanajyankur graduated from the Royal Melbourne Institute of Technology in 2011 and has since received recognition for her work across Australia, Asia, the USA and Europe. She has shown her work in The Island in the Stream exhibition in the 57th Venice Biennale, the Bangkok Art Biennale, the Saatchi Gallery in London and the Asia Triennale of Performing Arts at the Melbourne Arts Centre. In 2015, she was a finalist in the Jaguar Asia Pacific Tech Art Prize.

Kawita is currently represented by Nova Contemporary (Bangkok), the Alamak! Project, Clear Edition & Gallery (Tokyo) and the Antidote Organisation (Australia). Her work features in the National Collection of Thailand, the Singapore Art Museum, Dunedin Public Art Gallery, MAIIAM Contemporary Art Museum and in university and private collections worldwide.

Note

กวิตาวัฒนะชยังกูรสำเร็จการศึกษาจาก Royal Melbourne Institute of Technology (RMIT)ประเทศออสเตรเลียในปีพ.ศ. 2554หลังจากนั้นผลงานของเธอได้รับการยอมรับถึงถึงประเทศไทยและเริ่มมีผลงานของเธอแสดงในงานศิลปะที่หลากหลายทั้งในเมืองไทยและต่างประเทศได้รับการยอมรับจากศิลปินและนักแสดงทั่วโลก

ปัจจุบันกวิตาแสดงผลงานของเธอในประเทศและต่างประเทศที่โนวา คอนเทมโพรารี(กรุงเทพฯ), the Alamak! Project, Clear Edition & Gallery (โตเกียว), และ The Antidote Organisation (ออสเตรเลีย)ผลงานของกวิตานี้ได้รับการแสดงใน National Collection of Thailand, the Singapore Art Museum, Dunedin Public Art Gallery, ศิลปะสถาปัตยกรรมในทั่วโลกและผลงานของเธอได้รับการแสดงใน National Collection of Thailand, the Singapore Art Museum, Dunedin Public Art Gallery, MAIIAM Contemporary Art Museum และในพิพิธภัณฑ์ทั่วโลก
Rock Climbing is More Than a Sport
การปีนผาเป็นมากกว่ากีฬา

Khaetthaleeya Morris
แคทลียา มอริส
Rock Climber

www.thailandclimbing.com

Rock climbing has helped Khaetthaleeya shift her perspective. Winning a place in Thailand’s national rock-climbing team, she has trained her mind to concentrate and be patient. She has learned how to fail and start right back up again, how to live with nature and how to preserve it; she says these have been valuable skills for her. With her experience, Khaetthaleeya started “Chiang Mai Rock Climbing”, believing that working with communities has given her the opportunity to help build a sustainable society and preserve the environment.

Note
Metinee Kingpayome
เมทินี กิ่งโพยม
Model & Actress

Metinee Kingpayome, also known as Lukkade, was born in 1972 in Washington DC and lived in New York City for 20 years. She moved to Thailand in 1992, the year she won the Miss Thailand World Competition. She represented Thailand in the Miss World pageant and was crowned Miss Continental Queen of Asia.

She then began her modelling career and became one of Thailand’s first supermodels. A fashion runway and magazine cover regular, she became well-known in the film and TV industry, winning a Thai Oscar for best actress in a Thai movie called “The Box”. She also became a regular television host and guest and pioneered on the music Channel [V] Thailand. Her recent role as a mentor for six seasons on “The Face Thailand” prepared her to be head for Miss Universe Thailand 2019 to win back the 2019 Miss Universe crown for her country.
Why Question Self-stigma
การตีตราตัวเอง

Nadine Ferris France
นาดีน เฟอร์ริส ฟร้านซ์
Health & Wellbeing Expert

www.theworkforchange.org

Holding a master’s degree in global health, Nadine is a social entrepreneur, communicator, writer, trainer, facilitator and civil society activist with over 25 years’ experience in health, HIV, education and gender matters. She works with the United Nations, with non-governmental organisations, universities and individuals. Founder of The Work for Change, she is particularly passionate about the power of self-stigma and shame and has carried out research and designed programmes that strive to understand the beliefs and thoughts that cause self-stigma across many countries in Asia and Africa. She works with young people, people living with HIV, survivors of gender-based violence and sex workers.

After residing and working in Thailand for 12 years, she now lives with her two Chiang Mai born children in Ireland, where she is the Executive Director of the Irish Forum for Global Health. She is a certified facilitator of The Work of Byron Katie and an executive and life coach. and gives workshops worldwide.
Shake and shift, through the eyes of women
Reaching New Heights with 3D Drone Mapping
ก้าวไปข้างหน้ากับภาพถ่ายโดรน 3 มิติ

Natwilai Utoomprurkporn
นัตวิไล อุทุมพฤกษ์พร
Tech Entrepreneur

www.gettrik.com

Natwilai has a bachelor’s degree in mechanical engineering from chulalongkorn university and a master in the UK in Global innovation design. She is currently the founder and CEO of TRIK, and award winning drone 3D mapping and 3D reporting software for structural inspection.

Natwilai is an engineer, innovator, and creative technologist. She has a long list of awards in innovation, design and software engineering. On top of being selected as one of the Top 100 Asian Stars in UK Tech, she was also selected as one of the Forbes 30 under 30 (of Europe in 2018) the future leaders to watch.
Note Panayanggool & Melanie Giles-Clapp
นาท พนายางกูร & เมลานี สุโกศล แคลปป์
Artist & Musician

http://www.notep.work/

Note Panayanggool is presenting her solo exhibition “Energy diary 02” in Bangkok. Her main purpose is to connect her audience back to themselves and the divine nature through her work. See how she uses her emotional body to paint, instead of her physical body. She wants to show how powerful breathing is and that the purest form of energy we can release is breathing. We can live without food, without water but we can never live without breathing.

Following on, she will be giving a sound healing performance integrating sounds from the spiritual and modern worlds using the ancient gong and Tibetan bowls collaborating with Melanie Giles-Clapp. Modern sounds will be blended into the performance using a vocal looper, synthesizer and electric guitar to show that it is possible to have balance in both worlds.
More Women in Tech - Why? ทำไมจึงควรมีผู้หญิงมากขึ้น ในวงการสตาร์ทอัพ

Oranuch Lerdsuwankij อรนุช เลิศสุวรรณกิจ
Tech Entrepreneur

https://techsauce.co/

Oranuch Lerdsuwankij is the CEO and co-founder of Techsauce, a leading technology and innovation media company that organizes the Techsauce Global Summit, the largest technology conference in Southeast Asia. Selected as one of Thailand’s young female entrepreneurs by top10asia.org, she is recognized as one of the pioneers in building the Thai startup ecosystem.

Oranuch holds a master’s degree in information technology management and graduated in telecommunications engineering from the King Mongkut’s Institute of Technology Ladkrabang (KMITL). After graduating, she worked for more than 12 years in product and marketing for tech-related companies such as dtac, TA Orange and Atos Origin.
Songkran: Space of Liminality
สงกรานต์-ช่วงเวลาของการปลดปล่อย

Ploysri Porananond
พลอยศรี โป랊นา nonetheless
Tourism Anthropologist

http://www.researchgate.net/profile/Ploysri_Porananond

Associate Professor Dr. Ploysri Porananond obtained her PhD in cultural tourism studies from Leeds Metropolitan University, UK, a program she happened upon by chance when she saw a poster on the wall advertising the tourism studies program during registration for a master’s program in management at the Free University of Brussels. That casual glance was to put her career on the path of tourism studies.

Ploysri Porananond used to be the Editor-in-Chief of the Asian Journal of Tourism Research. At present she is a senior research fellow at the Knowledge and Innovation Center, College of Arts, Media and Technology, Chiang Mai University. She lectures and conducts research in many universities around Asia and frequently acts as a keynote speaker in international conferences. Her talk will focus on water blessing and throwing during the Songkran Festival.
Shake and shift, through the eyes of women
ReOrientate is a Hong Kong based transcultural soul/pop collective acclaimed for its signature use of cross-cultural cognitive musical illusions in unique world music that draws from Silk Road idioms to interweave, translate, and reframe diverse traditional heritages adventurously blended with electronics, computer music, and virtual reality.

ReOrientate uses cognitive illusions in its music, so the same musical idioms are perceived differently depending on the hearer’s own cultural background. Yet because of this, the music is immediately culturally familiar, and the hearer uses the familiar frame of reference as a bridge to relate to the many unfamiliar musical idioms from other diverse cultures.

At the same time, ReOrientate organically blends the rawest, traditional, primitive, human forms of expression in acoustic music through the magical cutting-edge possibilities of electronics and virtual reality. Humanity’s path toward survival in the AI era will be a merging of artificial cognition and human consciousness, as represented in ReOrientate’s cognitive science based blend of physical and virtual realities.

ReOrientate’s performance at TEDxChiangMai 2019 will also feature Puritad Arunkarn, Thai music teacher and composer at College of Music, Payap University, Chiang Mai.
The Value of Elderly in Society
สูงวัย ลายคราม

Sawang Kaewkantha
สว่าง แก้วกันท่า
Social Change Maker

www.fopdev.or.th/homecare

Born to a farming family in Lampang, Sawang moved to Chiang Mai in 1965 to study at Chiang Mai Teacher’s College. After graduation, he taught English for five years before becoming a research assistant at the Anemia and Malnutrition Research Centre in the Research Institute for Health Sciences, Chiang Mai University. In 1992 he joined the International Rescue Committee’s Thai-Burma border program before joining HelpAge International in 1993, where he trained in project identification and fulfilment as its project coordinator for Thailand.

In 1999, he set up the Foundation for Older Persons’ Development (FOPDEV), becoming its executive director. Using community-based services, FOPDEV empowers older people and communities to provide care and support through income-generating activities, health-care accessibility, home care, risk reduction and anti-ageism. In 2012, FOPDEV founded BUDDY Homecare to provide disadvantaged people (especially youths) with training and jobs caring for older people. It aims to provide effective homecare for the elderly and develop volunteer-based care services for disadvantaged elders in need.
Using Nano to Solve Big Problems

By Dr. Soracha Dechaumphai

Dr. Soracha is a professor at the Institute of Biomedical Engineering in the Faculty of Medicine at Prince of Songkla University. She received her PhD in Nanoengineering from the University of California, San Diego in 2014, and undertook postdoctoral training in the university’s Nanoengineering Department. She holds a M.E. degree in Biomedical Engineering from Colorado State University and B.Pharm. from the Pharmacy School, Prince of Songkla University, Thailand.

With 25 papers published in highly-cited journals such as PNAS and Nano Letters, her research focuses on the development of biomimetic nanomaterials and multifunctional nanoparticles in therapeutic treatment and diagnostics of infectious diseases and cancer. Currently a member of the Global Young Academy (GYA), she received an International Fellowship from the American Association of University Women (AAUW) in 2012, a postdoctoral Fellowship in 2015 from the Frontiers of Innovation Scholars Program (FISP) and the Thailand Toray Science Foundation Award in 2017. Believing that cross-disciplinary collaboration is vital for innovation, she aims to develop new nano-biomaterials that improve patients’ health in clinical practice.

---

Dr. Soracha is an assistant professor in the Institute of Biomedical Engineering at the Faculty of Science at Prince of Songkla University. She received her PhD in Nanoengineering from the University of California, San Diego in 2014, and undertook postdoctoral training in the university’s Nanoengineering Department. She holds a M.E. degree in Biomedical Engineering from Colorado State University and a B.Pharm. from the Pharmacy School, Prince of Songkla University, Thailand.

With 25 papers published in highly-cited journals such as PNAS and Nano Letters, her research focuses on the development of biomimetic nanomaterials and multifunctional nanoparticles in therapeutic treatment and diagnostics of infectious diseases and cancer. Currently a member of the Global Young Academy (GYA), she received an International Fellowship from the American Association of University Women (AAUW) in 2012, a postdoctoral Fellowship in 2015 from the Frontiers of Innovation Scholars Program (FISP) and the Thailand Toray Science Foundation Award in 2017. Believing that cross-disciplinary collaboration is vital for innovation, she aims to develop new nano-biomaterials that improve patients’ health in clinical practice.
Melting Polar Ice Should Shake and Worry Us ขั้วโลกเคลื่อนไหว เมืองไทยสะเทือน

Associate Professor Dr. Suchana Chavanich รศ. ดร. สุชนา ชวนิชย์
Environmentalist

https://www.facebook.com/suchana.chavanich

Dr. Suchana Chavanich is the first female scientist from Thailand to have explored and conducted research in Antarctica and the Arctic, and to have undertaken exploratory diving at both the north and south poles. Her determination and outstanding research on marine resources in polar and tropical seas has also led Dr. Suchana to being appointed the Sustainable Ocean Ambassador for the Asia-Pacific Oceanic Area by the United Nations Ocean Conference and Agricultural and Food Marketing Association.

Note

เป็นนักวิทยาศาสตร์หญิงไทยคนแรกที่ได้เดินทางไปสำรวจ ทำวิจัยและดำน้ำที่ขั้วโลกเหนือและใต้ รศ. สุชนา จึงถือว่าเป็น “นักวิจัยไทย 1 ใน 2 คนแรกที่พิชิตการดำน้ำสำรวจทั้งขั้วโลกเหนือและใต้” จากการเป็นผู้ที่กู้ภัยและมั่นคงโดยดันในโครงการจิจัง อนุรักษ์ทรัพยากรทางทะเล เกล็ดเปรื่อนขั้วโลกเหนือและใต้ รศ. สุชนา ได้รับการแต่งตั้งจากองค์การสหประชาชาติเพื่อนหาสมุทรและองค์กร AFMA – FAO Annex แห่งภูมิภาคเอเชียแปซิฟิก ให้เป็น “ทูตแห่งมหาสมุทรเพื่อความยั่งยืนแห่งภูมิภาคเอเชียแปซิฟิก” อีกด้วย
How Do We Change Our Energy Usage?
เมื่อลดการใช้ ความยั่งยืนก็เพิ่มขึ้น

Dr. Warathida Chaiyapa
อ.ดร.วรธิดา ไชยปะ
Policy Strategist

http://spp.cmu.ac.th/webspp/about/facultymember.php

A lecturer at the School of Public Policy at Chiang Mai University, Warathida specializes in sustainability, energy and climate change. She has worked with NGOs, research institutes and energy companies. As a political scientist in international relations, her interest is oriented toward global challenges in sustainable development with a focus on clean energy deployment and energy efficiency as ways to mitigate climate change. Her current work includes, but is not limited to, the role of oil and gas companies in the energy transition to low-carbon energy, the public perception of disruptive energy technology and the energy policy design process.
Your Vulnerability is Your Strength
เมื่อความอ่อนแอ แปรเป็นพลัง

Yoshimi Horiuchi
โยชิมิ โฮริอุจิ
Social Change Maker

www.alwaysreadingcaravan.org

Born in Kochi, Japan on July 12, 1983. Yoshimi was born nearly blind, losing all sight in her late teens. Educated in schools for the blind till grade 12, she went on to study language education at the International Christian University. Yoshimi’s life has been deeply influenced by her experience learning abroad: a year in the USA in her high teens, a year in Thailand during her university program, and a year at Kanthari International, an innovative institute in South India in 2009.

Yoshimi founded the Always Reading Caravan in 2010, which was officially registered as the Bookworm Foundation (BWF) in June 2018. BWF is committed to promoting the joy of reading and learning in Phrao District of Chiang Mai Province. It has a community library offering mobile library services in rural areas and two early-learning centres for hill-tribe children in the surrounding mountains.

Note

Note

Note
TEDxChiangMai 2019
Shake and shift, through the eyes of women
Yujarej Somana
ยุจเรศ สมนา
Designer

https://www.facebook.com/ethnica.thailand/

Yujarej Somana is a designer, design consultant, and the co-founder of various social enterprises including “Craft de Quarr”, a developer and distributor of hill-tribe products that aims to improve product design and market channels to help generate sustainable income and careers for the hill-tribe communities who make them.

She is also the founder-owner of Ethnica, a Chiang Mai-based brand that is an example of how traditional culture can be woven into popular products. Ethnica stands out for its designs and for its production process that involves hill-tribe craftsmen as producers.

Yujarej—some people also call her Khun Zilver—graduated from the Faculty of Fine Arts, Chiang Mai University. In 2018, she won an award for her social entrepreneurship and her works have been featured in Chiang Mai Design Week and other events and exhibitions.
Organizing team members

License Holder
Martin Venzky-Stalling

Co-organizers
Annette Kunigagon
Jarunee Santornmark
Ketsuphee Pitupan
Somluck Choopinij

Project Management
Chatchaya Pongsopa
Suchawadee Pulpakdee

Organising Volunteers (A-Z)
Aaron Espana
Anusorn (Anuz) Nimitpratoom
Arpunna Suriyasathaporn
Bhanbhassa (Ning) Dhubthien
Calvin Teerawatananont
Chanikant (Min) Tosaengchai
Chanya (Ekta) Sachdev
Chatpimook (Miky) Makontawat
Chris Venzky-Stalling
Flora Suwan
Fonthip (Gypzii) Kamlangying
Jasmine Kunigagon
Jidapa (Padbok) Chinpallop
Jameekorn (Best) Aumnatphook
Jirawan (J) Wongdokmai
Julian Huang
Kerry Dugan
Kompit (Pete) Panasupon
Kotchanan (Yok) Sae-ear
Kusuma (Jom) Venzky-Stalling
Lin Kyi Curwen
Maneekarn (Mild) Upanun
Melin Chuamanochan
Methee Bangkha
Nannapat (Micji) Jongjittawon
Nanthachaphon (Fah) Pitupan
Natnaree (Nat) Sawatwong
Natonrawin (Football) Prasopsuk
Neungchayon (Neung) Roopchangsirasit
Nisara Wangtratanasopon
Nuttakarn (Palm) Thachan
Oliver Hargreave
Pakping Monthakarn
Parithep (Pop) Pongthong
Piriyapa (Eve) Putsongkram
Piyathida Palee
Ploypailin (Ploy) Pungvongsanuraks
Ploypilin (Ploy) Kasem suk
Rattikan (Amm) Yoosupap
Sedthawud (Bank) Meema
Sholsatakorn (Prite) Wongsing
Supakorn (Tar) Sirisootorn
Supisara Prompila
Tunyaluk (Biew) Ingta
Tobias Roder
Wichulada (Dear) Hanloet
Worachet (Guide) Potawong
Worapol (Toby) Borriboonsub

Also, a big thanks to the staff of STeP, LiveEye, staff of other partner organisations and other volunteers that we did not mention already.
Sponsors and Partners
Science and Technology Park, Chiang Mai University (STeP)

STeP is an organization that links Chiang Mai University and industrial sectors to enhance research commercialization under the concept of the Triple helix model, the innovation system of collaboration between the private, academic and government sectors. STeP is the headquarter of Northern Science Park (NSP), one of three Thailand regional science parks supported by the Ministry of Higher Education, Science, Research and Innovation (MHESI).

STeP runs the NSP project with six other main universities in Northern Thailand via several platforms and services such as Technology Business Incubation (TBI), collaborative research, intellectual property management, innovative design, etc. NSP main building has been launched at Mae Hia campus of Chiang Mai University since May 2018 for additional physical support to serve the area and create economy impact to the region.

STeP has been the secretariat of Creative Chiang Mai (CCM) since 2012; CCM is one of the key stakeholders creating and supporting regional innovation ecosystem through projects and activities.

www.step.cmu.ac.th.
Science and Technology Park, Chiang Mai University (STeP)

STeP is an organization that links Chiang Mai University and industrial sectors to enhance research commercialization under the concept of the Triple helix model, the innovation system of collaboration between the private, academic and government sectors. STeP is the headquarter of Northern Science Park (NSP), one of three Thailand regional science parks supported by the Ministry of Higher Education, Science, Research and Innovation (MHESI).

STeP runs the NSP project with six other main universities in Northern Thailand via several platforms and services such as Technology Business Incubation (TBI), collaborative research, intellectual property management, innovative design, etc. NSP main building has been launche at Mae Hia campus of Chiang Mai University since May 2018 for additional physical support to serve the area and create economy impact to the region.

STeP has been the secretariat of Creative Chiang Mai (CCM) since 2012; CCM is one of the key stakeholders creating and supporting regional innovation ecosystem through projects and activities.

www.step.cmu.ac.th.

At B.Grimm, we carry on a tradition of 141 years of conducting our business with compassion for the Development of Civilization in Harmony with Nature, we can bring happiness to everyone. Developing civilisation refers to the many factors that create the conditions for the wellbeing and happiness of people. Throughout its history, B.Grimm has been serving many different needs of people with products and services such as medicine, irrigation canals, telecommunication, digital, power plants and equipment, cooling products, medical equipment, trains, ships, restaurants, spas, porcelain, and buildings.

For people in a society to be truly happy, satisfying their needs has to come with equitable socio-economic development within the limits of what nature can provide, integrated with good governance and all while allowing people to maintain their cultural identity and practices. In the Gross National Happiness Philosophy of Bhutan these factors are called the four pillars of balanced development. If they are not carefully considered, other people will suffer and then true abiding happiness cannot exist.

B.Grimm has always been following these same four pillars with its many social programs alongside our business activities to develop and promote religion, education, environment, sports, music and arts.

Eventually, doing business with compassion for the development of civilisation in harmony with nature is only possible with a mindset of moderation and with methods, which His Majesty King Bhumibol Adulyadej has been describing as economic, cautious, and conforming with moral principles. They form the cornerstones of Thailand’s Sufficiency Economy Philosophy and are also at the heart of B.Grimm’s way of doing business.

For more information contact B.Grimm, Dr. Gerhard Link Building 5 Krungthepekreetha Road, Huamark, Bangkapi, Bangkok 10240, Thailand T. +66 (0) 2710 3000 E. contact@bgrimmgroup.com

bgrimmgroup.com facebook linkedin
Creative Chiang Mai (CCM)

Creative Chiang Mai (CCM) is a government-endorsed but voluntary initiative and private-public-civil sector network that promotes Chiang Mai and creativity and innovation as a driver of sustainable economic, social and urban development. The initiative is now in its ninth year and is continuing to receive support from the community and from national and international partners. The organization TEDxChiangMai was only possible because of support by members of the Creative Chiang Mai initiative. Creative Chiang Mai also publishes reports, conduct studies, manages awards, joins consultation meetings, and organizes workshops/events. The reports are available on the website. There are also several websites and facebook pages related to specific initiatives such as salahmade.com, Craft Connect, Chiang Mai Design Awards, Good Aging in Place, Digital Chiang Mai, Southeast ASian Creative Cities Network, and others.

www.creativechiangmai.com
Blackmores was founded more than 80 years ago in 1906 in Queensland, Australia, with the determination and vision of a pioneering naturopath Maurice Blackmore who believed in the health-giving properties of herbs and minerals led him to develop a whole system of healthcare based on naturopathic principles. His view on natural health, preventive medicine, the environment and recycling were nothing short of radical in the 1930s, and his work opened the doors to new ways of treating illness and maximizing health. With brilliant vision decades ahead of his time and was known in Australia as the father of natural health.

As a leader in drug and dietary supplement industries, Blackmores is always driving innovations. Blackmores approaches health conditions and maintenance of wellbeing, drawing on the traditional use of herbs as medicines and combining this with the latest knowledge in nutrition to deliver standardized quality products and services to customers.

Blackmores is the brand that you can trust and have been confirmed with Superbrands awards for 9 years.
Founded in 2004, Facebook’s mission is to give people the power to build community and bring the world closer together. People use our products to stay connected with friends and family, to discover what’s going on in the world, and to share and express what matters to them. In Thailand, our commitment is to help catalyze the digital transformation by helping businesses embrace the journey to digital, by contributing to the economic prosperity of the Kingdom, and by better serving the needs of the Thai community through products and tools that help them create meaningful connections and support one another.
Life sciences industry in Thailand is growing rapidly. With an increased competitiveness and significant expansion of top-notch medical services, Thailand attracts a large number of medical tourists every year. In the past decade and a half, the number of private sector biotechnology companies in Thailand has increased at an average annual rate of 11%. With the remarkable paradigm shift envisaged in the ASEAN Plan of Action for Science and Technology 2016-20, the life sciences industry in Thailand is sure to scale unprecedented heights.

In this promising scenario Thailand Center of Excellence for Life Sciences (Public Organization) was established in 2004 by the government of Thailand with the core intention of providing the central link between innovation and investment and facilitating domestic and international partnerships in life sciences business in Thailand. It is a public organization and functions under the auspices of the Ministry of Higher Education, Science, Research and Innovation.

TCELS is positioned as the focal point for all life sciences business, research and investment in Thailand. With its team of experts, TCELS is ready to strategically captivate and streamline each emerging business opportunity in the life sciences industry in Thailand and the entire ASEAN region. The Medicopolis & Health Informatics (MEDICOPOLIS) unit was established to promote the health and wellness city using a holistic approach. With the concept of the integration of medical and health innovations, world-class health services, pilot plants, business incubators, education and research centers, accommodation and tourism spots, the MEDICOPOLIS strives towards a sustainable health development future for Thailand by reducing economic disparity, increasing quality of life,
Network Educator
Building immunity just like with vaccinations

This intelligent program is used to measure cyber immunity and to increase children’s digital life skills, thereby building up an immune system-like defense, just as is accomplished with vaccinations, so that Thai people are prepared and ready to face any cyber threats that may come their way.

Digital Intelligence Quotient (DQ) is a combination of a person's socio-emotional intelligence and overall intelligence quotient that allows them to face the various challenges and pressures of cyberspace society.

Network Protector
An armor protecting against cyber threats

An application that allows family members to connect with each other and to strengthen cyber-use immunity within the family unit.

AIS is partnering with Google in support of the Family Link, an application that allows family members to be connected, enabling parents to better care for and more closely safeguard their children's internet and mobile device usage in order to strengthen digital immunity within the family unit and to promote safe, creative internet usage.
Chiang MICE is the initiative by the MICE Excellence Centre, Faculty of Economics, Chiang Mai University.

Chiang MICE has three main mission:

- Capabilities and human resources for the MICE industry (Chiang MICE Academy)
- Data and informatics of the MICE industry in Chiang Mai and the Lanna Region of Thailand (Chiang MICE Intelligence)
- Knowledge on MICE impacts to business and economy of Chiang Mai and the Lanna region of Thailand (Chiang MICE Economics)

Chiang MICE is showcasing its community projects which they are working together with the MICE partners (Thailand Convention and Exhibition Bureau, Department of Community Development, Ministry of Interior and Thailand Incentive and Convention Association) at TEDxChiangMai today, tea and coffee production, tea tasting which is one of the Chiang MICE’s Seven Wonders project initiated in 2018.
ChivaCare is a medical rehabilitation center located in the center of Chiang Mai’s medical district. Visitors are often surprised to find such a large, welcoming, and modern facility outside hospitals by having doctors as well as physical, occupational and massage therapists working as a multidisciplinary team under one roof.

ChivaCare is able to provide unique, comprehensive, and person-centered medical services and treatments. ChivaCare sets a service standard that is friendly, holistic, evidence-based, and convenient. ChivaCare services local and international customers with programs and therapies such as post-stroke recovery, post-operative rehabilitation and chronic pain treatment.

**CLBS** is providing Business Process Outsourcing solutions to small and medium-sized companies in Europe and Asia. Being the **largest employer** for European nationals in Northern Thailand, CLBS offers positions for German, French, Italian, Swiss, Spanish and Japanese citizens. Additional to the customer service department, **CLBS’ software development department** offers mobile and web application solutions as well as customized business process application solutions to its customers.

Follow us on:  
- [clbs.co.th](http://clbs.co.th)  
- [clbsjobs](#)  
- [@lifeatclbs](#)

It’s more than just a job!
ChivaCare is a medical rehabilitation center located in the center of Chiang Mai’s medical district. Visitors are often surprised to find such a large, welcoming, and modern facility outside hospitals by having doctors as well as physical, occupational and massage therapists working as a multidisciplinary team under one roof. ChivaCare is able to provide unique, comprehensive, and person-centered medical services and treatments. ChivaCare sets a service standard that is friendly, holistic, evidence-based, and convenient. ChivaCare services local and international customers with programs and therapies such as post-stroke recovery, post-operative rehabilitation and chronic pain treatment.
INKIND

- Artisan Digital / www.artisan.co.th
- Highlandner / www.highlandner.com
- Hype / www.facebook.com/hypechiangmai
- Impact Media / www.impactmedia.co.th
- KleanKanteen / www.kleankanteen.com
- Le Meridien Chiang Mai / www.lemeridienschiangmai.com/th
- Makerspace Thailand / makerspace-thailand.myshopify.com
- Novotel / www.accorhotels.com/B4F8
- Pictures Talk / www.picturestalk.net
- Porkhun/www.porkhun.com
- Rimping / www.rimping.com
- S&P / www.snpfood.com
- The Booksmith / www.facebook.com/thebooksmithbookshop
- V.Sign Media / www.vsignmedia.com
- WEAVE Artisan Society / www.weaveartisansociety.com
- เขียวสวยหอม / www.greenbeautyscented.org
- จิปาถะ / www.jipata.co.th
- นานาฟรุ๊ต / www.nanafruit.com
TEDx
ChiangMai
x = independently organized TED event