

Registration



Date

Wednesday, 17 April 2019, 08:30 am - 5:15 pm

Location

Solar LEO House, Taipei



Address

Solar Library and Energy-Optimized House
10876 臺北市萬華區青年路65號2樓

Cost

600 NT\$ per person

We are looking forward to meeting you!

Call us or write to us:

Contact

Ms Ting-Yu Su

Solar LEO House Taipei

1. 傳真報名：02-2337-9862 (目的、姓名、email、電話)

2. 網路報名：<https://forms.gle/PYrcMJ6TQ7bqcAjy8>

Well equipped to meet new requirements

The construction sector is changing. Features that were unusual rarities just a few years ago are quickly becoming standard. It has now become normal for private and public clients to demand reliable, highly energy-efficient buildings, interiors with pleasant indoor climates and healthy indoor air, and all of this built in a sustainable manner that conserves resources.

Architects and construction tradespeople need specialised knowledge to be able to implement all these requirements in a professional and cost-effective manner.

Visit us to find out what issues are important when building a passive house, what role building sealing plays, and how the cities of the future in Taiwan might look! We would be delighted to meet you!



... and the insulation is perfect

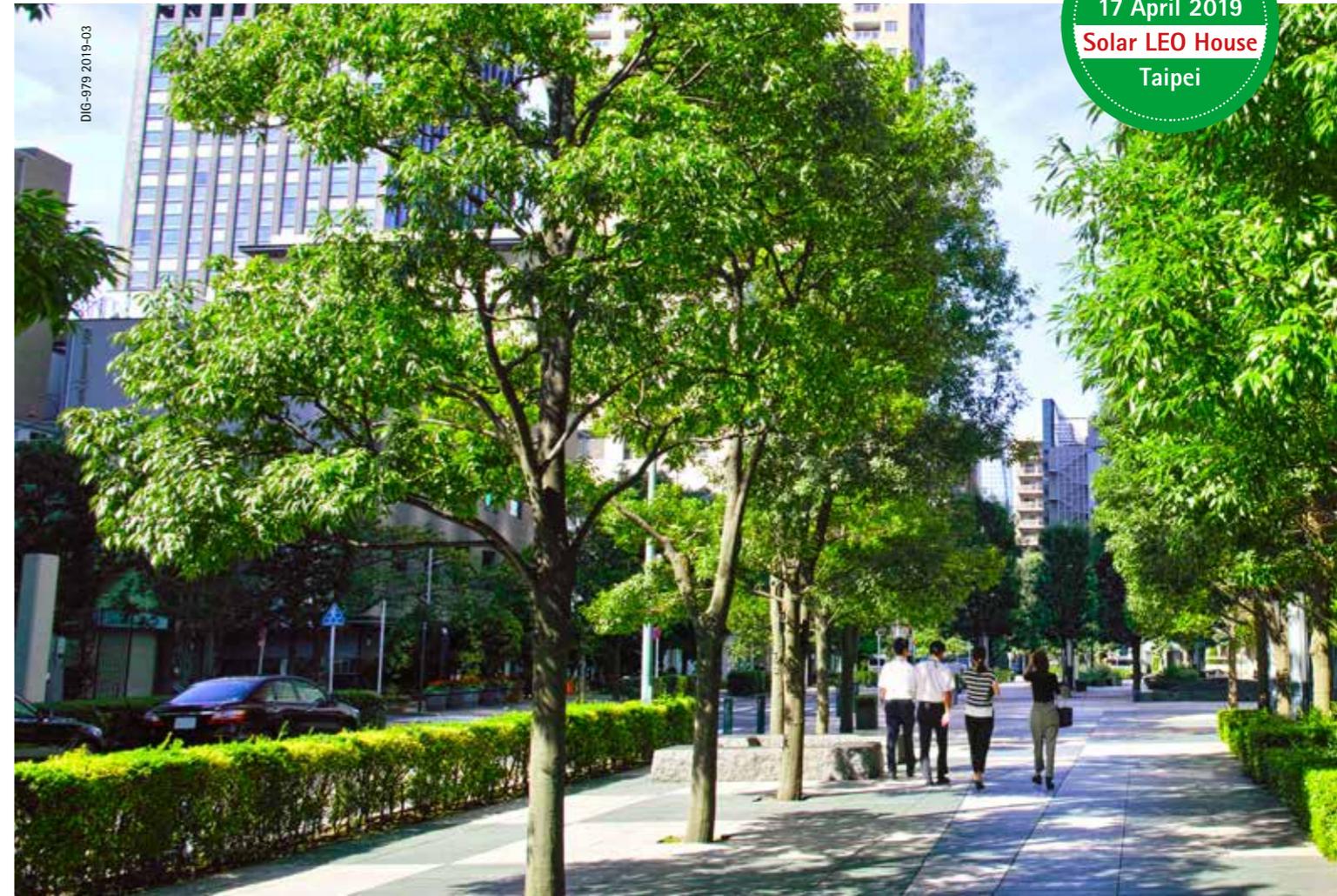
MOLL bauökologische Produkte GmbH
Schwetzingen, Germany

www.proclima.com



1st symposium on Building for the Future Taiwan

Wednesday
17 April 2019
Solar LEO House
Taipei



Speakers



Prof. Dr. Tseng Shu-cheng

Prof. Dr. Tseng Shu-cheng is a Taiwanese politician. He has served as the Deputy Minister of National Development Council since 20 May 2016. Academic career: Tseng obtained his bachelor's degree in architecture from National Cheng Kung University in 1984, master's degree in architecture from Tunghai University in 1987 and doctoral degree in civil engineering from National Taiwan University in 1994. He then taught at the National University of Tainan.



Uwe Bartholomäi

Saving energy, avoiding damage to building structures, and creating healthy living environments – these are the goals that Uwe Bartholomäi, Managing Director of pro clima, has been pursuing for over 30 years. Uwe Bartholomäi played a key role in the development of the pro clima brand over 20 years ago and has had a strong influence on the company's philosophy. He currently works in Germany and internationally too, and he has responsibility for the areas of organisation, communications, sales and human resources.



Ying Chao Kuo

Ying Chao Kuo, founding partner of Bio-architecture Formosana (BAF) and principal architect, AIA, has won numerous awards for his designs in sustainability, and was the recipient of the 12th Awarding of Outstanding Architects in Taiwan in 2011. He graduated with a master's in Architecture from the University of California, Los Angeles in 1989. Kuo has taught at National Cheng Kung University, National Taiwan University of Science and Technology, and National Chiao Tung University as an adjunct professor.

Schedule



Time	Topic
8:00	Meet and greet, registration and coffee
8:30 – 9:00	Welcome and introduction to the day's events, schedule, introduction of speakers. Ecological and economic considerations are not incompatible. After all, the terms ecology and economy are derived from the Ancient Greek word 'oikos', which means both house and economic community. Thus these two concepts cannot be separated from one another, but can only be considered together. In the long term, we can only be successful economically if we act in an ecological manner. Uwe Bartholomäi
9:00 – 9:45	What is a passive house and why is a passive house only the first step in sustainable building for the future? What are the main components of a passive house and why are they important for the performance and economic viability of a passive house? How do passive houses for the Taiwanese climate work? Daniel Kress
9:45 – 10:30	The interplay of airtightness, insulation and windtightness. Saving energy, avoiding damage to building structures and creating a healthy indoor climate – how can all this be achieved? Building sealing, from construction physics in Taiwan through to practical construction implementation. Jens-Lüder Herms
10:30 – 11:00	Coffee break
11:00 – 11:30	Sustainable architecture – sustainable construction in Taiwan. Ying Chao Kuo
11:30 – 12:00	Protection against wind and weather – requirements for exterior windtightness. Differences between membrane technologies in terms of functioning and performance. More protection against moisture damage thanks to membranes with active moisture transport. Jens-Lüder Herms
12:00 – 13:00	Lunch break
13:00 – 13:45	Permanently secure bonding – The requirements for adhesive tapes and adhesive substances used for interior airtightness and exterior windtightness are demanding. What properties must these bonding products have in order to work reliably in the long term in everyday construction practice, even under unfavourable conditions? Plus: solutions for details such as cable and pipe feed-throughs. Jens-Lüder Herms
13:45 – 14:15	Creating airtightness on a 1:1 model: become a professional for reliably sealed building envelopes! With the help of models, you can find out in a practical manner how undesirable condensation and air permeability can be avoided on various building components such as walls, roofs and windows, and how energy-efficient, comfortable and reliable buildings can be achieved in this way. Roman Szytura
14:15 – 14:45	Homebuilding policy in Taiwan Prof. Dr. Tseng Shu-cheng
14:45 – 15:15	Coffee break
15:15 – 15:45	Sealing windows in a practical manner. Sealing according to the construction principle of three functional layers: interior airtightness, exterior weather protection, insulated joint area. Jens-Lüder Herms
15:45–16:15	Become an expert in professional, reliable window sealing: practical exercises with a 1:1 model. Roman Szytura
16:15–16:45	Conclusions and summary: the main findings of the symposium. All speakers
16:45–17:15	Closing remarks Uwe Bartholomäi

Speakers



Daniel Kress

Daniel started his career as a carpenter in Germany and then worked in Ireland on the biggest residential modular project in the world at that time. After 10 years in the building sector, he started his studies in civil engineering and worked as a researcher for the European Union on sustainable building methods. Since 2015, Daniel has been working with the Australian building industry with the bold aim of creating healthier and more sustainable buildings. He started the business Smart Plus Homes in 2017 to pursue his aim of implementing Passive House Principles into the National Construction Code by 2030. Daniel is a representative and board member of the Australian Passive House Association (APHA).



Jens-Lüder Herms

Born in Germany, and active worldwide. As Export Manager and Application Technology specialist at MOLL pro clima, Jens-Lüder Herms is head of international sales and industry. He is very much involved in research and development of new products. He is an engineer who worked as a carpenter and then studied construction at Kiel University of Applied Sciences.



Roman Szytura

Born in Germany, Roman Szytura is a carpenter and certified passive house tradesman with a Special Purpose Certificate at bachelor's level and over 30 years of experience with air sealing and cellulose insulation. He is director of clima house ltd. in Ireland. He is a course developer for national training programmes in Ireland (FETAC level 5), and also works as a trainer for instructors, gives his own training courses and has been a speaker for bodies such as the Passive House Academy, and Qualibuild and Greenbuild in Ireland, England, France, Austria, New Zealand, Iceland, Germany and Taiwan.