



คณะวิศวกรรมศาสตร์  
มหาวิทยาลัยเทคโนโลยีราชมงคลศรีวิชัย  
เลขรับ ..... 4686  
วันที่ ..... 26-07-2566  
เวลา ..... 14.26 น.

## บันทึกข้อความ

ส่วนราชการ สำนักงานอธิการบดี มหาวิทยาลัยเทคโนโลยีราชมงคลศรีวิชัย  
โทร ๐-๗๔๓๑-๗๑๐๐ ต่อ ๑๑๓๐ โทรสาร ๐-๗๔๓๑-๗๑๓๓

ที่ อว ๐๖๕๕/๑๒๗๗ วันที่ ๓๐ มิถุนายน ๒๕๖๖

เรื่อง ขออนุเคราะห์ประชาสัมพันธ์งาน Thai-German TVET Conference on Research Cooperation  
in Southeast Asia

เรียน คณบดีคณะวิศวกรรมศาสตร์

พร้อมหนังสือฉบับนี้สำนักงานอธิการบดี มหาวิทยาลัยเทคโนโลยีราชมงคลศรีวิชัย ขอส่งสำเนาหนังสือมหาวิทยาลัยเทคโนโลยีราชมงคลล้านนา ที่ อว ๐๖๕๔.๐๑(๔)/ ๒๒๖๖ ลงวันที่ ๑๓ กรกฎาคม ๒๕๖๖ เรื่อง ขออนุเคราะห์ประชาสัมพันธ์งาน Thai-German TVET Conference on Research Cooperation in Southeast Asia ระหว่างวันที่ ๒๕ - ๒๖ กันยายน ๒๕๖๖ ณ โรงแรมอีสติน แกรนด์ สาทร กรุงเทพมหานคร ร่วมกับ Technische Universitat Dortmund มหาวิทยาลัยเทคโนโลยีราชมงคลธัญบุรี สมาคมระดับภูมิภาคด้านอาชีวศึกษาและเทคนิคศึกษาในเอเชีย มาয়้งหน่วยงานของท่าน จำนวน ๑ ฉบับ ดังรายละเอียดแนบ

จึงเรียนมาเพื่อพิจารณา

(ผู้ช่วยศาสตราจารย์อภิรักษ์ สงรักษ์)

รองอธิการบดี ปฏิบัติราชการแทน

อธิการบดีมหาวิทยาลัยเทคโนโลยีราชมงคลศรีวิชัย

เรียน คณบดี

-เพื่อโปรดพิจารณา

สำนักงานอธิการบดี ขออนุเคราะห์ประชาสัมพันธ์งาน

Thai-German TVET Conference on Research

Cooperation in Southeast Asia

-เห็นควรมอบงานวิจัยดำเนินการประชาสัมพันธ์

26/7/2566

26 ก.ค. 66

27 ก.ค. 66

ทราบและมอบดังเสนอ

26 ก.ค. 66



มหาวิทยาลัยเทคโนโลยีราชมงคลศรีวิชัย  
3011  
เลขรับ .....  
วันที่ 17/07/2566  
เวลา 09.09 น.

ที่ อว ๐๖๕๔.๐๑(๐๔)/ ๒๒๖

มหาวิทยาลัยเทคโนโลยีราชมงคลล้านนา  
๑๒๘ ถนนห้วยแก้ว ตำบลช้างเผือก  
อำเภอเมือง จังหวัดเชียงใหม่ ๕๐๓๐๐

๑๗ กรกฎาคม ๒๕๖๖

วิจัย 1475

วันที่ 17 กรกฎาคม 2566

09.12 น.

เรื่อง ขออนุเคราะห์ประชาสัมพันธ์งาน Thai-German TVET Conference on Research Cooperation in Southeast Asia

เรียน อธิการบดีมหาวิทยาลัยเทคโนโลยีราชมงคลศรีวิชัย

- สิ่งที่ส่งมาด้วย
๑. โปสเตอร์ Call for Participation
  ๒. โปสเตอร์ Call for Presentations
  ๓. โปสเตอร์ Call for Posters

ตามที่มหาวิทยาลัยเทคโนโลยีราชมงคลล้านนาได้ร่วมเป็นเจ้าภาพจัดงาน “Thai-German TVET Conference on Research Cooperation in Southeast Asia” ระหว่างวันที่ ๒๕ - ๒๖ กันยายน ๒๕๖๖ ณ โรงแรมอีสติน แกรนด์ สาทร กรุงเทพมหานคร ร่วมกับ Technische Universität Dortmund มหาวิทยาลัยเทคโนโลยีราชมงคลธัญบุรี สมาคมระดับภูมิภาคด้านอาชีวศึกษาและเทคนิคศึกษาในเอเชีย พร้อมด้วยพันธมิตรหน่วยงานของภาครัฐและภาคเอกชน ภายใต้การดำเนินโครงการวิจัย ProWoThai (Progressing Work-based Learning of TVET Systems in Thailand) ซึ่งเป็นโครงการวิจัยร่วมระหว่างประเทศไทย มาเลเซียและสหพันธ์สาธารณรัฐเยอรมนี ระหว่างปี พ.ศ. ๒๕๖๒ - ๒๕๖๖ โดยกิจกรรมเป็นเวทีแลกเปลี่ยนแนวคิด Work-based Learning ทั้งแนวคิดปัจจุบันและที่พัฒนาขึ้นใหม่ที่มีการใช้อยู่ในประเทศไทย ความร่วมมือระหว่างประเทศไทยและเยอรมนี การพัฒนาระบบอาชีวศึกษาในประเทศไทยโดยใช้แนวทางการวิจัยเชิงปฏิบัติการ รวมทั้งมุมมองการวิจัยต่อตลาดแรงงานด้านการเปลี่ยนแปลงดิจิทัลและพลังงานสีเขียว

ในการนี้ ขอความอนุเคราะห์ประชาสัมพันธ์เชิญชวนนักวิจัย อาจารย์ บุคลากร นิสิต นักศึกษา ในหน่วยงานของท่านเข้าร่วมกิจกรรมและส่งบทความเข้าร่วมนำเสนอในรูปแบบ oral presentation และ poster โดยสามารถลงทะเบียนผ่านระบบออนไลน์ที่ <https://tvetcon.rmutt.ac.th/> ได้ตั้งแต่บัดนี้เป็นต้นไป ถึงวันที่ ๒๐ กรกฎาคม ๒๕๖๖

จึงเรียนมาเพื่อโปรดพิจารณา

มอบคณะวิศวกรรมศาสตร์พิจารณาเข้าร่วม

25 กค 2566

ขอแสดงความนับถือ

(ผู้ช่วยศาสตราจารย์จัตตุฤทธิ์ ทองปรอน)

รักษาราชการแทน

อธิการบดีมหาวิทยาลัยเทคโนโลยีราชมงคลล้านนา

คณะวิศวกรรมศาสตร์

โทรศัพท์ ๐๘๗-๑๘๗๖๘๗๘

# Thai-German TVET Conference on Research Cooperation in Southeast Asia

25./  
26.

September 2023,  
Eastin Grand Hotel,  
33/1 South Sathorn Road,  
Yannawa, Sathorn Bankok

„AN ACTION-ORIENTED, SUPRA-NATIONAL  
RESEARCH PERSPECTIVE ON LABOUR  
MARKET NEEDS IN THE FACE OF  
DIGITALIZATION AND GREEN ENERGY  
TRANSITION“

Participation in the conference is FREE of charge, kindly register via the following website:

<https://tvvetcon.rmutt.ac.th/>

Before 20. July 2023

organized by



funded by



**Thai-German TVET Conference on Research Cooperation in Southeast Asia** *being held on September 25-26, 2023 at the Eastin Grand Hotel Sathorn in Bangkok, Thailand.*

We are very happy to invite you to this [Thai-German TVET Conference](#), which is funded by the German Federal Ministry of Education and Research and co-organized by RMUTL, RMUTT, RAVTE and TU Dortmund!

The Thai-German TVET Conference on Research Cooperation in Southeast Asia takes place in the context of the [ProWoThai project](#), which focuses on progressing Work-based Learning in the Thai TVET System. The two-day conference will bring together TVET stakeholders (researchers, practitioners, private industry representatives, academia, administration and politics) who will jointly discuss the future of TVET cooperation and research in Southeast Asia. Parallel workshop sessions will give room for peer learning and exchange on six relevant TVET topics:

- Session 1: Live Learning Lab: New Greening Qualifications and Competences in TVET for a Sustainable Future
- Session 2: Digitalization of TVET and IR 4.0
- Session 3: Excellence in TVET through Regional Cooperation
- Session 4: Work-Based Learning as a Guiding Principle in TVET
- Session 5: Research on TVET in Southeast Asia
- Session 6: TVET Teachers and Trainers – the Agents of Change

Click [here](#) to access the full conference programme.

- If you wish to participate in the conference, please have a look at our [Call for Participation](#).
- **Please click [here](#) to register for the conference!**
- If you wish to give a presentation during one of the parallel workshop sessions, please have a look at the [Call for Presentations](#).
- If you are and junior researcher wishing to present a scientific poster during the Young TVET Researchers Exchange, please have a look at the [Call for Posters](#).

We look forward to meeting you in person in Bangkok!

# CALL FOR PARTICIPATION

## Thai-German TVET Conference on Research Cooperation in Southeast Asia

25./  
26.

September 2023,  
Eastin Grand Hotel,  
33/1 South Sathorn Road,  
Yannawa, Sathorn Bangkok

### „AN ACTION-ORIENTED, SUPRA-NATIONAL RESEARCH PERSPECTIVE ON LABOUR MARKET NEEDS IN THE FACE OF DIGITALIZATION AND GREEN ENERGY TRANSITION“

TVET systems must be continuously developed and adapted to changing economic and social developments and prepared for a working world of the future. TVET systems are also a social resource and a basis for social, ecological and economic development, leading to prosperity and social peace. Pressing topics and challenges in TVET globally are the so-called "Twin Transition: Digitalization and Greening", but also Excellence in TVET, which is achieved through Work-Based Learning, Governance of TVET, Research on TVET and highly skilled TVET teachers and trainers, who act as Agents of Change. The conference with its focus on research cooperation between Southeast Asia and Germany addresses researchers and practitioners and calls for contributions. It is funded by the German Federal Ministry of Education and Research in the context of the ProWoThai-project, Progressing Work-based Learning in Thailand. The conference is being organized by the Regional Association for Vocational and Technical Education in Asia (RAVTE), the Rajamangala University of Technology Thanyaburi (RMUTT), the Rajamangala University of Technology Lanna (RMUTL) and TU Dortmund University.

**Asst. Prof. Dr. Niwat Moonpa**

Director of the Research Center for TVET in Thailand



**Dr. Friedrich Hübler**

Director of UNESCO-UNEVOC



**Birgit Thomann**

Head of Department at Federal Institute for Vocational Education and Training (BIBB)



**José Manuel Galvin Arribas**

Senior Human Capital Development Expert, Coordinator for Vocational Excellence Project at European Training Foundation (ETF)



**Assoc. Prof. Dr. Sommai Pivsa-Art**

President of Regional Association of Vocational and Technical Education in Asia (RAVTE) and Rajamangala University of Technology Thanyaburi



### SUBMISSION INFORMATION

Participation in the conference is FREE of charge, kindly register via the following website:  
<https://tvcon.rmUTT.ac.th/>

Before 20. July 2023

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# CONFERENCE PROGRAMME

25 September 2023

Get together/Networking

Welcome speeches

Keynote: Potential and Relevance of TVET Research for the Development of TVET System in Thailand in the Light of WBL

Inauguration Ceremony / MoU Signing Ceremony

Topic 1: Multilateral Cooperation and Research as Drivers of the Dual Transition in TVET

Topic 2: Multilateral Cooperation as a Driver of Excellence in TVET

TVET in ASEAN - Cooperation in Research and Perspectives for Development

Lunch

Panel discussion with Prof. Rupert Maclean (University of Tasmania), Asst. Prof. Dr. Poolsak (NXPO) and Prof. Jailani Md Junos (UTHM) (moderated by Prof. Thomas Schröder)

## Parallel Breakout Sessions

Session 1: Live Learning Lab: New Greening Qualifications and Competences in TVET for a Sustainable Future (Dr. Friedrich Hübler and Ms. Kenneth Barrientos, UNESCO-UNEVOC & Ms. Birgit Thomann and Ms. Katharina Engel, BIBB)

Session 2: Digitalization and IR 4.0 (Prof. Jailani Md Junos, UTHM & Dr. Lai Chee Sern, UTHM)

Session 3: Excellence in TVET through Regional Cooperation (Mr. José Manuel Galvin Arribas, ETF & Assoc. Prof. Dr. Agus Setiawan, Universitas Pendidikan Indonesia)

Wrap-Up of Sessions

Dinner at Antito (in the Eastin Hotel) (for all participants)

26 September 2023

Welcome & Review Day 1

## Parallel Breakout Sessions

Session 4: Work-Based Learning as a Guiding Principle in TVET (Asst. Prof. Dr. Moonpa, RMUTL & Mr. Mohd Akmal Bin Rohiat, UTHM)

Session 5: Research on TVET in Southeast Asia (Dr. Song Heang Ai, SEAMEO TED & Assoc. Prof. Dr. Yusri Kamin, Universiti Teknologi Malaysia)

Session 6: TVET Teachers and Trainers – the Agents of Change (Dr. Anne Busian, TU Dortmund & Prof. Anan, KMUTNB)

Wrap-Up

Lunch

## Two parallel activities

(i) RAVTE General Assembly Meeting / Round Table: executive board, delegates, advisory board, and invited guests (for up to 50-60 participants) (led by Dr. Poolsak)

(ii) Young TVET Researcher Exchange (MyRIVET, TU Dortmund, RAVTE, TVET Research Center): poster presentations, gallery walk, podium discussion, award for best poster

Distribution of Best-Poster-Award

Closing Speech & Performance

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Organizing Institutions



Conference Partners



# CALL FOR PRESENTATIONS

## Thai-German TVET Conference on Research Cooperation in Southeast Asia

25./  
26.

September 2023,  
Eastin Grand Hotel,  
33/1 South Sathorn Road,  
Yannawa, Sathorn Bangkok

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RESEARCH PERSPECTIVE ON LABOUR  
MARKET NEEDS IN THE FACE OF  
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TRANSITION“

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# BACKGROUND

Southeast Asia with its 630 million inhabitants is a politically and culturally highly diverse and economically dynamic region. With the establishment of the ASEAN Economic Community (AEC) in 2015 and the simultaneous growing challenges in society and the world of work (digital transformation, greening etc.), an action-oriented, supranational and regionally adapted approach to TVET research and development in Southeast Asia has become an urgent issue. Such a combined approach enables stakeholders and organizations to innovate and align with the needs of the regional labor market in terms of effective, efficient, equitable, inclusive, and sustainable TVET in line with the United Nations' Sustainable Development Goals (SDGs). In this context, research and development of vocational education and training as well as cooperation and exchange of scientific know-how, currently as well as in the medium and long term, play an enormously important role.

## SUBMISSION INFORMATION

Please submit an abstract for your presentation by **20. July 2023**. Please assign your abstract to one of the thematic workshop sessions of the conference. All submissions will be evaluated by an independent review panel. Notifications of acceptance will be sent out by 31. August 2023.

For accepted presentations, registration for the conference must be made by 10. September 2023.

The presentation submission should include the following:

1. Abstract (max. 200 words)
2. Information on the duration and format of the presentation. Please note that presentations should not exceed a duration of 15 minutes, followed by a short Q&A session

Abstracts are submitted by email to:

[annika.behrens@tu-dortmund.de](mailto:annika.behrens@tu-dortmund.de)

**We look forward to your submission!**

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# SESSION PROGRAMME

## Session 1: Live Learning Lab: New Greening Qualifications and Competences in TVET for a Sustainable Future

On the 25th of September, 2023 from 2:00 pm - 4:00 pm

Countries that are making the transition to low-carbon and climate-resilient economies and societies rely on workforce possessing relevant qualifications and competences to meet emerging demands. Many existing jobs are changing, as cleaner technologies and greener work processes are being adopted (Cedefop et al. 2022). 'Greening' TVET – that is, including education for 'green' economies and 'green' societies – reinforces a holistic vision of transforming TVET: to enable it to deliver new TVET qualifications and programmes and to create new skills and values needed to make a successful green transition. TVET can move workers up the skills ladder, raising their access to green and decent jobs, their economic productivity and positive contribution to climate. Similarly, greening TVET is reinforcing a new narrative for TVET. First, for TVET to adopt new learning approaches to develop highly-qualified and multi-skilled individuals that are compatible with the requirements of the digital and green transition; and second, for TVET to strengthen the provision of green skills to create new value attractive for communities and employers.

Promising practices of greening TVET and commitment to advance sustainability across different learning domains including TVET are evident across the Asia-Pacific region, from national green growth strategies to green TVET curricula, green TVET programmes, and green TVET campuses.

The objective of the session is to establish a better understanding of the opportunities in the green transition and the practical measures to succeed in incorporating new approaches for green skills and competencies development in TVET training and learning. Several identified innovative practices from the Asia-Pacific region will help present an exciting landscape of innovations in greening TVET. They will help set the tone for discussion with the participants and unpack new engagement and research potentials in the context of ongoing initiatives jointly led by UNESCO-UNEVOC and BIBB as starting point for discussion.

## Session 2: Digitalization of TVET and IR 4.0

On the 25th of September, 2023 from 2:00 pm - 4:00 pm

Digitalization is driving the technological change of all societies globally in a rapid and sustainable manner. Thus, “the digital transformation impacts all aspects of TVET delivery, from the integration of new digital skills and competencies into teaching and learning processes to the organization of learning itself” (UNESCO-UNEVOC n.d.). Digitalization is impacting the occupational profiles and standards due to a changing world of work, but as well the accessibility and the way TVET can be delivered. In order to comprehensively leverage the potential of the digital world, learners have to be digitally literate, technically competent and work-ready professionals for a digitalised world of work.

In consequence, the TVET systems have begun to address various aspects such as (i) including digitalization in occupational standards and curricula (ii) the implementation of digital forms of learning and teaching, (iii) the use of digital tools and data to modernize the organizational management of TVET providers, and (iv) an active engagement of TVET providers within their education and labour market ecosystems and communities.

## Session 3: Excellence in TVET through Regional Cooperation

On the 25th of September, 2023 from 2:00 pm - 4:00 pm

Excellence in learning is the goal of all TVET systems (ETF 2020, 2). Although excellence in TVET can not be clearly defined, it is often associated with high quality and the provision of competences, skills and abilities that guarantee employment in a changing labour market or allow for entrance in academia as a second career pathway. A precondition for excellence can also be achieved by continuously adapting TVET delivery to societal challenges and global megatrends such as digitalization, Industry 4.0, artificial intelligence, environmental sustainability, demographic change, or migration etc.

In recent approaches, excellence in technical and vocational education and training is achieved through regional or global networks in which TVET providers can share experience and learn from each other in a peer-learning approach. Here, outstandingly well positioned TVET institutions such as the Centres of Vocational Excellence (CoVEs) serve as role models for others or operate local networks of TVET providers, triggering spill over effects from which the entire TVET system benefits.

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## Session 4: Work-Based Learning as a Guiding Principle

On the 26th of September, 2023 from 9:00 am - 11:00 am

Work-based learning is a conceptual cornerstone of TVET systems. What is usually meant is that, at the system level, the company workplace is integrated into vocational education programmes as an experiential place of learning and is conceptually linked to competence development in the training center and vocational school. TVET students have the opportunity to reflect on real work experiences and develop holistic competencies, which are a basis for Lifelong Learning. A sustainable professional competence development, which allows the learner to become an independently acting skilled worker and member of society, requires a functioning cooperation of learning venues. This learning venue cooperation can succeed better if the meso and the micro level are addressed conceptually, if work-based or work-oriented curricula are developed, if assessment tools are designed work-based or work-oriented and if TVET teachers learn in their training how to learn in an action- and project-oriented way employing simulated work tasks and processes.

## Session 5: Research on TVET in Southeast Asia

On the 26th of September, 2023 from 9:00 am - 11:00 am

TVET research is a central element of modern TVET systems. TVET research is a prerequisite for system innovation and the further development of TVET systems as well as the systems for the education and training of TVET teachers and instructors. Especially in times of increasing pressure to innovate, TVET research plays a crucial role, e.g. when it comes to developing, testing and evaluating innovations. Research approaches that promote development, such as action research, are of particular importance, not only in terms of new developments, but also in terms of the dissemination of research findings and best practice to academia and vocational education and training practitioners. The Online Journal for Technical and Vocational Education and Training in Asia (TVET@Asia) is a contribution to the improvement of the research infrastructure in Southeast Asia operated by the Regional Association for Vocational Education in Asia (RAVTE).

The high relevance of vocational education research for the advancement of TVET systems leads to the continuous development and expansion of research capacities in all world regions and also in the nations of Southeast Asia.

## Session 6: TVET Teachers and Instructors – the Agents of Change

On the 26th of September, 2023 from 9:00 am - 11:00 am

The key role in the quality development of vocational education and training is played by TVET teachers and trainers who, as Agents of Change, continuously improve the vocational education and training programmes. TVET teachers and instructors must therefore have a broad set of competencies that must be continuously developed through upskilling and reskilling. As TVET systems have to cover a sectoral range and also the vertical diversity of levels 1-6 (European Qualification Framework) the question has to be asked how TVET staff should be selected, trained, deployed, evaluated and managed. It must also be taken into account that there are different types depending on their function in the TVET system and a varying focus on theory and practice (Lipsmeier 2013). A "one-size-fits-all TVET teacher concept" cannot possibly cover the required quality in an increasingly complex environment.

## TVET@Asia

The presenters will be given the opportunity to publish academic papers in a conference-based issue of TVET@Asia: <https://tvvet-online.asia/>, which will be published as TVET@Asia Issue 23 in Summer 2024.

## Organizing Institutions



**RAVTE**  
Regional Association of Vocational  
and Technical Education in Asia

**tu** dortmund  
university

## Conference Partners



**ibb** Federal Institute for  
Vocational Education  
and Training  
Research Data Centre



**unesco**  
Chair



**ETF** Working together  
Learning for life  
European Training Foundation

# CALL FOR POSTERS

## Thai-German TVET Conference on Research Cooperation in Southeast Asia

### Young TVET Researchers Exchange

26.

September 2023,  
13:00 pm - 16:00 pm

Eastin Grand Hotel,  
33/1 South Sathorn Road,  
Yannawa, Sathorn Bangkok

- You are currently working on your PhD, your Master's thesis or another research project in the field of technical and vocational education and training (TVET)?
- You would like to share your thoughts with peers and get their feedback on your research project?
- You are interested in hearing from experienced researchers about their PhD projects and the challenges they were facing?

For participants of the Thai-German TVET Conference held in Bangkok on September 25-26, 2023

We would kindly like to invite you to submit an abstract (200-250 words) for a poster presentation as part of the Young TVET Researchers Exchange:

- Poster presentation: 26. September, 13:00 pm - 16:00 pm
- Conference Venue: Eastin Grand Hotel, Bangkok
- Deadline for abstract submission: 20. July 2023

Abstracts are submitted by email to:

[annika.behrens@tu-dortmund.de](mailto:annika.behrens@tu-dortmund.de)

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## Organizing Institutions



**RMUTT**  
www.rmutt.ac.th



**RAVTE**  
Regional Association of Vocational  
and Technical Education in Asia

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Chair

