You're invited to a joint seminar on

Elastomeric Materials
and Their Sustainable Innovations
2–3 June 2025

Join us in-person at **Swiss Federal Laboratories for Materials Science and Technology (Empa)** or online via **Zoom**.

Supported by

Swiss National Science Foundation

Empa Materials Science and Technology

King Mongkut's University of Technology Thonburi

MTEC a member of NSTDA

Register here

2 June 2025		
9:15	Opening and Welcome	
9:30	**Fundamentals of Natural Rubber: Composition, Processing, Properties, and Applications**	**Asst. Prof. Yeampon Nakaramontri** King Mongkut's University of Technology Thonburi, Thailand
10:00	**Epoxidized Natural Rubber: from Self-Vulcanizing Blends to Reprocessable Chemical or Physical Networks**	**Dr. Sophie Norvez** PSL Research University, France
10:30	Break	
10:45	**Simple and Novel Methods of Natural Rubber Vulcanisation**	**Prof. Jobish Johns** RajaRajeswari College of Engineering, India
11:15	**An Alternative Pathway for Crosslinking Natural Rubber Latex**	**Dr. Rawipon Promsung** Prince of Songkla University, Thailand
11:45	**Grafting of Ionic Linkages on Epoxidized Natural Rubber**	**Dr. Amit Das** Leibniz Institute for Polymer Research, Germany
3 June 2025		
9:15	Opening and Welcome	
9:30	**3D Printing of Load-Bearing Granular Double Network Elastomers**	**Prof. Esther Amstad** Swiss Federal Technology Institute of Lausanne (EPFL), Switzerland
10:00	**PVC-Based Anatomical and Procedural Models for Enhancing Medical Education**	**Dr. Jitlada Sansatsadeekul** National Metal and Materials Technology Center, Thailand
10:30	Break	
10:45	**Polymer Physics Matters – Tailoring TPU Properties via Mold Temperature**	**Prof. Markus Susoff** University of Applied Sciences Osnabrueck, Germany
11:15	**Introduction to the World of Thermoplastic Elastomers Using Application Examples and a Look into the Innovative Future of Thermoplastic Elastomers**	**Mr. Josef Neuer** KRAIBURG TPE GmbH & Co. KG
11:45	**Innovating Natural Rubber Value through Science and Technology by Overcoming its Limitations**	**Assoc. Prof. Ekwipoo Kalkornsurapranee** Prince of Songkla University, Thailand

Organized by
Dr. Frank Clemens Swiss Federal Laboratories for Materials Science and Technology, Switzerland
Dr. Sasitorn Srisawadi National Metal and Materials Technology Center, Thailand