

IRC 2025

BANGKOK, THAILAND

1-3 December 2025



**International Rubber Conference Organisation (IRCO)
& National Research Council of Thailand (NRCT) Student Prizes**



IRCO & NRCT Student Prizes for Best Oral Presentation

First Prize

Lam Ba Nguyen

Nagaoka University of Technology, Japan

"Critical Concentration of Primary Amines for Preparation of Vulcanized
Deproteinized Natural Rubber with Outstanding Mechanical Properties"



Second Prize

Sarah Pedroni

Queen Mary University of London, United Kingdom

"Microstructural Modelling of Carbon Black Aggregates for Sustainable Next-
Generation Tyre Design"



Third Prize

Sofiia Butenko

EMPA, Switzerland

“Impact of Fused Filament Fabrication and Processing Parameters on the Performance of BaTiO₃–Piezoelectric Composites for Soft Robots”



Recommended Prize

Katerina Filzer

University of Twente, the Netherlands

“How Microcapsule-Enhanced Rubber Can Help Creating a Circular Economy”



IRCO & NRCT Student Prizes for Best Poster

First Prize

Xinglong An

South China University of Technology, China

"Facile and Efficient Preparation of Functionalized Diene-Elastomers via Dynamic Covalent Polymerisation"

Second Prize

Pritish Raj Shukla

Birla Institute of Technology and Science- Pilani, K.K. Birla Goa Campus, India

"Effective Degradation of Waste Tyre Rubber Using a Specific Treatment Process: A Chemi-Biological Method"



Third Prize

Koudai Tanino

Kyoto University, Japan

"Texture Evolution and Mechanical Response of Cholesteric Liquid Crystal Elastomers with a Lying Helix Structure"



Recommended Prize

Nana Tsuji

Kyoto Institute of Technology, Japan

“Short-term Surface Nanostructure Change of Biodegradable Polyester Thin Films by Seawater Immersion Treatments”

