

Workshop

Wednesday, Oct. 4, 2023, 9 am CET, room no A508/U17



Tomas Bata University
Centre of Polymer Systems

TOPIC

RUBBER PHENOMENA

SPEAKERS

Prof. Gert Heinrich

TU Dresden, Germany

CG. Robertson, Ph.D.

Polymer Technology Services LLC, USA



PRESENTATIONS

**Rubber Friction and Tire Traction
on Ice: Physical Background
and Predictive Testing**

**A Constitutive Tube Model
of Rubber Elasticity: the Path
from Polymer Network
to the Rubber Component**

**Filler Networking Dynamics
in Nanoparticle-Elastomer
Compounds**

**Characterizing Crack Precursors
in Rubber and Their Effects on
Fracture**