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C. MICHAEL ROLAND

GUEST EDITOR

It is my pleasure to serve as guest editor of the third Frontiers issue of *Rubber Chemistry and Technology*. The motivation for an annual special issue was to publish invited articles from leaders in the field that highlight breakthrough materials, novel approaches to modeling and testing, and new applications. Published continuously since 1928, *Rubber Chemistry and Technology* provides the deepest archive of published research in the field and is the obvious venue for articles reporting the latest developments in our understanding and use of rubber.

Rubber includes a very broad class of substances, with remarkably diverse behaviors. Its existence in a state of equilibrium and capacity for high elasticity make the material especially well-suited for fundamental polymer research. At the same time, its unique properties lead to a remarkable range of applications beyond the well-known industrial and consumer items, to include energetics, biotechnology, smart materials, active matter, nanoscience, metamaterials, additive manufacturing, etc. A single issue can touch only on very selected aspects, but I trust you will find this Frontiers issue both informative and intellectually stimulating.

C. Michael Roland
Guest Editor