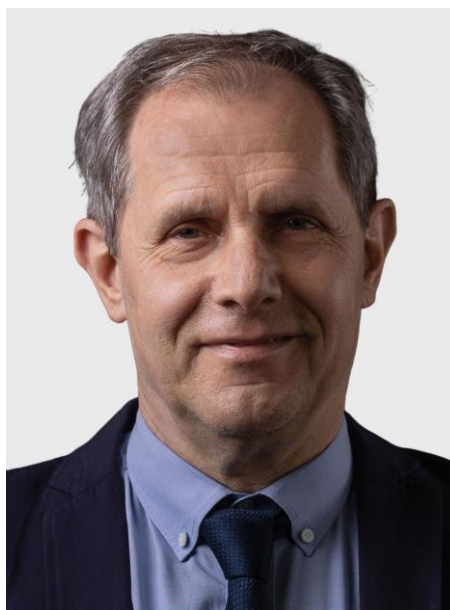


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The European Meeting on Fire Retardant Polymeric Materials (FRPM21) (<https://www.frpm21.com/>), held in Budapest from 29 August to 1 September 2021, was organised under the auspices of the Budapest University of Technology and Economics and the Hungarian Academy of Sciences as a hybrid event with 155 participants altogether from 18 countries, including experienced researchers and younger scientists, leading specialists in various domains of the polymer industry, and student representatives of several universities.

The scientific program consisted of 8 plenary, 11 keynote, 35 oral and 39 short poster presentations. The oral presentations were organized into 11 sessions, covering all major domains of fire retardant polymers:

- Innovative chemistry for the design of fire retardants
- New concepts in flame retardancy
- Fire retardant mechanisms
- Modelling and prediction
- New approaches in the testing and characterisation of fire behaviour
- Safety and environmental impact of fire retardants, including smoke toxicity
- Advanced processing and recycling of flame-retarded polymeric materials for a circular economy

- Fire retardant solutions for biobased polymers and biobased fire retardants
- Trends in fire retardant surface treatments, textiles and foams
- Flame retardancy of fibre-reinforced composites
- Fire-safe solutions for various industries (including transportation, building and construction, electrical and electronic industry)

The Special Issue “FRPM2021 - European Meeting on Fire Retardant Polymeric Materials” covers a wide range of topics including innovative fire retardancy solutions for various polymer matrices and composites, as well as studies of flame retardancy mechanism, modelling and testing.

We thank all the authors who submitted papers to this special issue, as well as the reviewers for their valuable work. Our special thanks go to Prof. Imre Miklós Szilágyi, Editor-in-Chief of JTAC, as well as the members of the Editorial Office and SpringerNature for their dedicated efforts.

We are looking forward to meet the fire retardancy community at the FRPM23 (<https://www.frpm-23.org/>), which will take place in Zurich, Switzerland, from 26 to 29 June 2023.

Andrea Toldy and György Marosi
Guest editors



FRPM21 group photo taken at the gala dinner in the Hungarian National Gallery