

Conference Agenda

Session

SES-02: Material Characterization I

Time: Wednesday, 05/Feb/2025: 11:00am - 12:40pm

Presentations

CO2 adsorption on microporous metal–organic frameworks unravelled by high-resolution X-ray computed tomography

Diponker Karmoker^{1,3}, Jorge Martinez-Garcia², Damian Gwerder², Benjamin Fumey¹, Philipp Schuetz²

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Scale-up of zinc-air battery electrodes enhanced by 3D X-ray imaging

Benedetto Bozzini¹, Alessandro Alleva¹, Elisa Emanuele¹, Sheraz Gul², Tianzhu Qin², Wenbing Yun², Lucia Mancini³

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X-Ray imaging method for in-situ study of particle-laden flows

Julian Kattinger, Phi-Long Chung, Mike Kornely, Julian Ehrler, Marc Kreutzbruck, Christian Bonten

University of Stuttgart, Institut für Kunststofftechnik, Germany

Highly attenuating tracer fibers for fiber orientation determination in short-fiber-reinforced plastics

Mike Kornely, Marc Kreutzbruck

University of Stuttgart, Institut für Kunststofftechnik, Germany

Assessment of the variability of unidirectional prepregs at multiple scales

Silvia Gomasasca¹, Amin Hosseini¹, Ran Tao¹, Daniel Peeters¹, Bilim Atli-Veltin¹, Clemens Dransfeld¹, Benedikt Boos², Christoph Queck², Martin Gurka²

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