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Structural Control of Compressibility and Mechanics of Borosilicate Glasses

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Publication date:
2016

[Link to publication from Aalborg University](#)

Citation for published version (APA):

Smedskjær, M. M. (2016). Structural Control of Compressibility and Mechanics of Borosilicate Glasses: Invited Talk. Abstract from 4th Glass Science Day – Toward Damage Resistant Glasses, Rennes, France.

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GLASS SCIENCE DAY

4th edition –“TOWARD DAMAGE RESISTANT GLASSES”

***Glass and Mechanics Dept., IPR, UMR 6251, University of Rennes 1, Fr ***

Seminars

Feb. 24th, 15:00

Morten M. SMEDSKJAER

(Dept. Chemistry and Bioscience, University of Aalborg, Denmark)

Structural Control of Compressibility and Mechanics of Borosilicate Glasses

15:45

Lionel MONTAGNE

(Équipe "Verres et Méthodologie en RMN des solides", UCCS, Université de Lille 1, Fr)

Autonomic self-healing glasses as a mean to enable longer life at high temperature

16:30

Yann GUEGUEN

(Dépt. Mécanique et Verres, IPR, UMR 6251, Université de Rennes 1, Fr)

Mechanical energy dissipation through light emission in glass-SrAl₂O₄:Eu composite

Feb. 25th, 9:00

Lothar WONDRAKZEK

(Otto-Schott Institute, Univ. Jena, Germany)

Ultrastrong glasses: State of the art

9:45

Nicolas MOËS

(GeM, Institut de Recherche en Génie Civil et Mécanique, Ecole Centrale de Nantes, Fr)

Glass: Brittle or quasi-brittle?

10:30

Annelise FAIVRE

(Laboratoire Charles Coulomb, UMR 5221, Université Montpellier 2, Fr)

Micro-plasticity and micro-viscoelastic deformation in oxides glasses

11:15

Tanguy ROUXEL

(Dépt. Mécanique et Verres, IPR, UMR 6251, Université de Rennes 1, Fr)

Improving the surface damage resistance by playing on the composition

Wednesday February 24th, 2016 (15:00) - Thursday 25th (12:00)

Amphi. A, bât. 2, Université de Rennes 1, campus de Beaulieu

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