

Alkali-Silica Reaction – a Multidisciplinary Approach Webinar

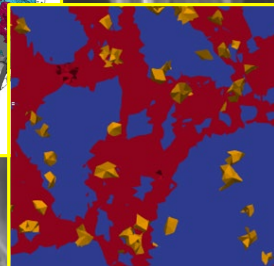
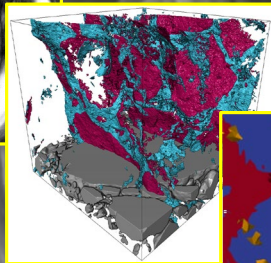
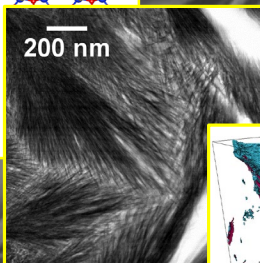
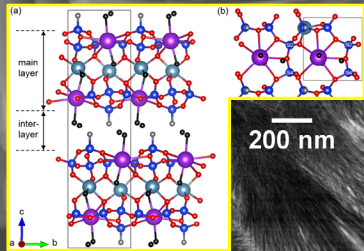
9 September 2021, 13:00-15:00 CET

Advance your knowledge on ASR

In the webinar the newest results from a project on ASR conducted by several institutes are presented. With a multidisciplinary approach ASR has been investigated from the nano to the metre scale using dissolution experiments, thermodynamic modelling, structural analysis, 2-D characterization, 3D imaging and computational modelling.

Presentations

- Aggregate dissolution
 - Initially formed products
 - Atomic structure of ASR products
 - Synthetic ASR products
 - ASR products and cracking: a 4D view
 - Numerical modelling of mechanics



Information and registration:
www.empa.ch/asr

M. Bagheri	B. Lothenbach
S. Barbotin	P. Lura
E. Boehm-Courjault	F. Marafatto
R. Dähn	J.-F. Molinari
E. Gallyamov	K. Scrivener
G. Geng	M. Shakoorioskooie
M. Griffa	Z. Shi
A. Leemann	E. Wieland