

Geowissenschaftliches Kolloquium

Thursday, June 24, 2021. Discussion from 17:00 h



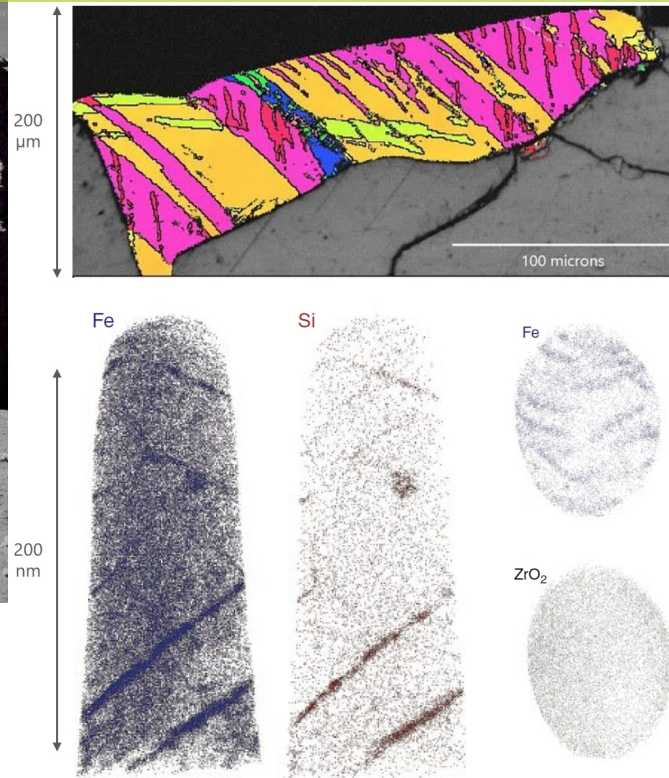
New nanoscale views of terrestrial planet evolution

Dr. James Darling
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How have the crusts of planetary bodies in our Solar System evolved through time? To answer this question, we need to be able to do a lot with little sample. This talk will summarize some of our recent work using meteorites, Apollo samples and meteorite impact sites on Earth to try and better constrain the timing and nature of major geological processes across the Solar System. We will zoom from the planet to atomic scale along the way!



I studied Geoscience at the University of St Andrews, and then earned my doctorate at the University of Bristol. Following postdoctoral positions at the University of Bern and University of Western Ontario, I joined the University of Portsmouth in 2013. My research group focus on planetary geology and geochronology, including new applications of correlative microscopy and nanoanalytical techniques.



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Programme: www.geo.fu-berlin.de/geol/kolloquium

Presentations: <https://fu-berlin.eu.vbrickrev.com/#/media/search?q=geocolloquium>

Live video conference: <https://bbb.planet.fu-berlin.de/b/geo-gzn-j9j-yc4>

