

**TANJA
LUBE
AUSTRIA**

Tanja Lube is assistant professor at the Chair of Structural and Functional Ceramics, Department of Materials Science of Montanuniversitaet Leoben since 2004. She received her master degree in Material science in 1993 and her PhD in Materials Science in 1999 from Montanuniversitaet Leoben.

Her research career started as junior researcher at the Christian Doppler-Labor für Hochleistungskeramik and continued as university assistant at the Institut für Struktur- und Funktionskeramik, both at Montanuniversitaet Leoben.

Her research is focused on mechanical properties of brittle materials, development of new, innovative test procedures for components or specific manufacturing methods like additive manufacturing. Complimentary methods like fractography and fracture statistical treatment of data are used with the goal to understand interrelations between microstructure and properties, evaluate in-service performance and lifetime of ceramic components or understand component failure. Her expertise is appreciated in round-robin test campaigns or as expert consultat to delegates in standardization committees.

As of 2023, she has (co-)authored 80+ scientific papers, one of which has won the Best Paper Prize of the European Ceramic Society (2007/08). She has been awarded the Bernd Rode Award of ASEA Uninet in 2016, was symposium chair at the XVII EcerS conference (2022) and has been member of the advisory board and/or organising committee of the "Fractography of Ceramics" conference series (2013 – 2023).

She is member of scientific societies (AuCerS, ESIS, DGM, ACerS), in ESIS Austria and AuCerS she is active as board member. She has been promoter or PI in several collaborative reseach projects funded by national and international agencies.