



OTTO VON GUERICKE
UNIVERSITÄT
MAGDEBURG

NAT

FAKULTÄT FÜR
NATURWISSENSCHAFTEN

Physikalisches Kolloquium

Dienstag, **04. Juni 2019**, 16:30 h

Gebäude 16, Raum 215

Prof. Thomas Schröder, Direktor

(Leibniz-Institut für Kristallzüchtung (IKZ) in Berlin)

Examples on Innovative Crystalline Materials & Novel Materials Science Methods

IKZ is Europe's flagship institute on science & technology - including service & transfer ! - of innovations in and by crystalline materials. Traditionally, IKZ is focused on innovations in crystalline materials covering in collaboration in particular with crystal companies the full added value chain from plant engineering, numerical simulations, crystal growth and materials science. In future, the institute will extend its prototyping capabilities towards the reliable evaluation of innovative materials in electronics (e.g. Ga_2O_3 , AlN etc.) and photonics (e.g. custom designed laser resonator crystals etc.) together with technology partners. Materials science is a key asset for successful work at the institute often in close collaboration with Universities. Here, besides laboratory based techniques like advanced TEM, modern X-ray synchrotron methods (e.g. XRD nano-imaging) will be intensively used by us in future to push the state-of-the-art.

Alle Interessierten sind herzlich eingeladen!

Magdeburg, den 09.05.2019

gez. Prof. Dr. Claus-Dieter Ohl