Einladung
zum IKET-Kolloquium

Zeit: Dienstag, 11. Dezember 2012, 15.00 Uhr
Ort: Kolloquiumsraum des IKET, Campus Nord, Bau 419, Raum 104
Referent: Dr.-Ing. Julio Cesar Pacio, KIT-IKET

Zusammenfassung:

Liquid metals are efficient heat transfer fluids, ideally suited for high-temperature applications with demanding thermal loads. Concentrated solar power (CSP) is an attractive source of renewable energy, with thermal energy storage allowing for base load electricity production. Next-generation CSP systems will require an improved heat transfer performance to achieve higher efficiencies. The conditions are then set for a fruitful synergy between both technologies.

At the Karlsruhe Liquid Metal Laboratory (KALLA), a five-year program was started to investigate this concept, in cooperation with our partners in the framework of the LIMTECH Alliance. While R&D activities are needed in several areas, it is expected that practical solutions based on liquid metal can be competitive with state-of-the-art systems.

gez. T. Schulenberg

Alle auswärtigen Besucher des Kolloquiums werden gebeten, ihren gültigen Personalausweis oder Reisepass mitzubringen.