**Research Training Group GRK 2802** "Refractory Recycling: A contribution for raw materials, energy and climate efficiency in high temperature processes"

## GRK 2802 - PhD Colloquium

## No. 2: "Manufacturing and challenges of metal-ceramic composites"

## 2022, December 19

Venue: Room:	TU Bergakademie Freiberg, IKFVW, Agricolastr. 17 Lecture hall SIL 0118 (part 1) Labs and technology centre (part 2)
11:00	Presentation "Short introduction to metal-ceramic composites" (Prof. Christos G. Aneziris)
11:10	Presentation " <b>MgO-steel composite materials"</b> (Serhii Yaroshevskyi)
11:30	Workshop "Technology of metal-ceramic composites", including demonstration of following manufacturing techniques:
	- Granulation procedure of metal-ceramic composite materials (Serhii Yaroshevskyi)

- Filament manufacturing (Patricia Krause, Piotr Malczyk)