

Working Group

Machining & Surface Technology of CMC

„Coating and preparation for coating of CMC“

on **July 15th, 2022** at the **TZA (Technologiezentrum Augsburg)**

Address: Am Technologiezentrum 5, 86159 Augsburg

Moderation: Prof. Dr. Ralf Goller, University of Applied Sciences Augsburg, Head of the Working Group

Coating of CMC is important for many applications. In gas turbine components EBC coatings are required to protect the CMC structure. In CMC brake disks the friction surface is “coated” today by a monolithic SiSiC layer to avoid erosion. Goal of the seminar is to identify research needs in this field and to discuss possible steps forward.

Agenda

9:00 **Coffee**

9:15 **Welcome, general remarks and news from the CU**
Denny Schüppel, Managing Director Ceramic Composites
Prof. Dr. Ralf Goller, University of Applied Sciences Augsburg

9:30 **Introduction of the participants**
Everybody

9:45 **Coating methods for CMC**
Dr. Peter Mechnich, DLR Köln

10:15 **Requirements for Coating**
Gerard Vignoles, University of Bordeaux

10:45 **Coffee Brake**

11:00 **Preparation for the Coating of CMC**
Dr. Daniel Emil Mack, Forschungszentrum Jülich

11:30 **Round table discussion and further steps**
Moderation: Prof. Dr. Ralf Goller

13:00 **Lunch Snack**

14:00 **Tour through TZA (Prof. Dr. Ralf Goller), tour through MRM Institute (Prof. Dr. Dietmar Koch)**

15:00 **End of the seminar**

The evening before

July 14th, 2022 (Thursday), 7:30 PM informal Dinner in the Riegele Biergarten, Augsburg



How to arrive at the Technologiezentrum Augsburg

Train: From Central station - Take Tram N°3 to Augsburg Innovationspark

Car: Navigate to: Am Technologiezentrum 5, 86159 Augsburg

Airplane: Next Airport is Munich airport (MUC)