

Invitation to the 88. AMAP Colloquium

Presentation by

Prof. Dr.-Ing. Christian Wuppermann

Professor and Director of the
Department for Industrial Furnaces and Heat Engineering

The Department for Industrial Furnaces and
Heat Engineering – Research Activities in the Field of
Sustainable Thermo-processes for Aluminum Production

on Thursday, **September 19th, 2024 at 4.00 pm**
with subsequent discussion at AMAP

All interested persons are sincerely invited to the AMAP foyer.
Snacks and refreshments will be available.

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The Department for Industrial Furnaces and Heat Engineering – Research Activities in the Field of Sustainable Thermo-processes for Aluminum Production

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Abstract

The presentation starts with a short introduction of the Department for Industrial Furnaces and Heat Engineering (IOB) at RWTH Aachen University. The department is organized in five research groups on current topics of industrial furnaces and heat engineering. An overview of the research activities in the five working groups will be presented.

The second part focuses on the research activities which are specifically investigating the pressing question how to achieve process heat in a CO₂ neutral way. The presentation will focus on research projects which are related to the Aluminum production processes.

The presentation is concluded with an outlook on strategic research fields of the department.