

# EUROMAT 2021

EUROPEAN CONGRESS AND EXHIBITION  
ON ADVANCED MATERIALS AND PROCESSES

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12. - 16. SEPTEMBER 2021

GRAZ, AUSTRIA

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THE AUSTRIAN SOCIETY FOR  
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## Area B: Structural Materials

### Symposium B1:

<b>Title: Advanced Steels</b>		
<b>Organizer</b>	<b>Institution</b>	<b>Contact email</b>
Carlos Garcia-Mateo	National Center for Metallurgical Research, Spain (CENIM-CSIC)	cgm@cenim.csic.es
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<b>Abstract</b>		
<p>The development of any future advanced generation of steel involves a thorough understanding of the mechanisms governing phase transformations and the processing-microstructure-property relationships.</p> <p>The scope of the symposium covers topics from new design methods and concepts to evaluation of novel steels performance in service. To achieve this, a detailed microstructure characterisation from atomic to microscopic level is required. This underpins the fundamental understanding of processing-microstructure-properties-performance relationships.</p> <p>This forum will enhance the progress and support the future advances in modern structural steels by promoting interaction and communication between scientists, designers, and end users.</p>		

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