

## Time Table (CET, Rome, Paris, Belgrade)

Feb. 5 <sup>th</sup> Sunday	Feb. 6 <sup>th</sup> Monday	Feb. 7 <sup>th</sup> Tuesday	Feb. 8 <sup>th</sup> Wednesday	Feb. 9 <sup>th</sup> Thursday
	9.00 – 10.00 <b>1<sup>st</sup> lecture</b> (UBG & online) <b>Prof. Liviu Marsavina</b> UPT, Timisoara, Romania <i>Presentation of the SIRAMM project</i>	<b>5<sup>th</sup> lecture</b> (online) <b>Prof. Aleksandar Gibovic</b> Univ. of Belgrade, Serbia <i>"Fatigue crack growth simulation by xFEM"</i>	<b>10<sup>th</sup> lecture</b> (online) <b>Prof. Chao Gao</b> NTNU, Trondheim, Norway <i>"Introduction to structural integrity of additive manufactured polymer component"</i>	<b>Practical session 3</b> (UBG & online) <b>Dr. Aleksa Milovanovic</b> Univ. of Belgrade, Serbia <i>Practical session on AM</i>
	10.00–11.00 <b>2<sup>nd</sup> lecture</b> (online) <b>Dr. Giovanni Rizza</b> Polytechnic of Turin, Italy <i>"Additive manufacturing for industrial components: technologies, design and future perspective"</i>	<b>6<sup>th</sup> lecture</b> (UBG & online) <b>Prof. Roberto Brighenti</b> Univ. of Parma, Italy <i>"Modeling of additive manufacturing processes: strategies and challenges"</i>	<b>11<sup>th</sup> lecture</b> (UBG & online) <b>Prof. Aleksandar Sedmak</b> Univ. of Belgrade, Serbia <i>"Fracture behaviour of AMM under static loading"</i>	<b>Discussion session</b> (UBG & online) Research, future perspectives and international collaborations on AM in engineering
	11.00 – 11.30 Break (UBG)	Break (UBG)	Break (UBG)	Break (UBG)
	11.30 – 12.30 <b>3<sup>rd</sup> lecture</b> (UBG & online) <b>Dr. Snezana Kirin</b> Univ. of Belgrade, Serbia <i>"Statistical analysis"</i>	<b>7<sup>th</sup> lecture</b> (UBG & online) <b>Prof. Silviu Vert</b> UPT, Timisoara, Romania <i>"Open science"</i>	<b>12<sup>th</sup> lecture</b> (UBG & online) <b>Prof. Toni Ivanov</b> Univ. of Belgrade, Serbia <i>"Application of additive manufacturing in Aeronautical Engineering"</i>	<b>Final exam</b> (only in presence at UBG) Final written evaluation test
	12.30 – 14.30 Lunch	Lunch	Lunch	Lunch
14.30 – 16.30 Welcome reception & registration (UBG)	<b>4<sup>th</sup> lecture</b> (UBG & online) <b>Dr. Francesco Soncini</b> 3DPR, Parma, Italy <i>"Production Efficiency in SLS additive manufacturing"</i>	<b>8<sup>th</sup> lecture</b> (UBG & online) <b>Dr. S. Tavemini</b> Univ. of Parma, Italy <i>"How to define impact in European projects: pre-award and post-award definition and implementation"</i>	<b>Practical session 1</b> (UBG & online) <b>Prof. Goran Mladenovic</b> Univ. of Belgrade, Serbia <i>Practical session on AM</i>	<b>Closing of the winter School</b> (UBG & online)
16.30 – 17.00 Opening of the winter School (UBG & online);	<b>Presentation of some participants' backgrounds and current activities</b> (UBG & online)	<b>9<sup>th</sup> lecture</b> (UBG & online) <b>Prof. Dan Stola</b> UPT, Timisoara, Romania <i>"Mechanical properties of components obtained through SLS"</i>	<b>Practical session 2</b> (UBG & online) <b>Dr. Isaak Trajkovic</b> <i>Practical session on AM</i>	



H2020-WIDESPREAD-2018, Grant No. 857124



# 3<sup>rd</sup> Winter School on Trends on Additive Manufacturing for Engineering Applications

Faculty of Mechanical Engineering (FME)  
University of Belgrade

Belgrade, Serbia, 5<sup>th</sup>-9<sup>th</sup> February 2023  
*in presence & Online*

## Winter school info

The 3<sup>rd</sup> winter school on **Trends on Additive Manufacturing for Engineering Applications** will be held in Belgrade, 5<sup>th</sup>-9<sup>th</sup> February 2023. The main aim of the Winter School is to involve PhDs and young researchers in the field of AM with an engineering perspective. The winter school is an annual key activity of the European Twinning Project **SIRAMM**, funded by the European Union's Horizon 2020, H2020-WIDESPREAD-2018-03 under the grant agreement No. 857124.

The winter school will consider both scientific aspects concerning Additive Manufacturing as well as soft skills in research such as scientific and grant proposal writing, gender aspects, etc. Practical sessions concerning designing, manufacturing and testing of 3D-printed objects will be organized.

## Venue

The winter school will be held at the

**[Faculty of Mechanical Engineering](#)**, Univ. of Belgrade & **Online**

Kraljice Marije 16, Belgrade, <http://www.siramm.unipr.it/Events.htm>



## Winter school Fees

**Participation in the winter school is free!**

Lunches and coffee breaks are included.

A limited number of places is available to attend in presence (max. 30)

The selection process for participating to the winter school will be based on the participant's country, with a preference for east European countries. Participation of PhDs, post-docs and young researchers as well as women will be especially preferred. Gender equality and equal opportunities will be key-aspects in the selection of the participants.

## Prospective Key Dates

Registration deadline:

28<sup>th</sup> January 2023

Confirmation to participants:

2<sup>nd</sup> February 2023

## Lectures

All lectures will be given in English.

## Speakers

**Prof. Liviu Marsavina**, UPT Timisoara, Romania

**Dr. Giovanni Rizza**, Polytechnic of Turin, Italy

**Prof. Snezana Kirin**, Univ. of Belgrade, Serbia

**Dr. Francesco Soncini**, 3DPR, Parma, Italy

**Prof. Aleksandar Grbovic**, Univ. of Belgrade, Serbia

**Prof. Roberto Brighenti**, Univ. of Parma, Italy

**Prof. Silviu Vert**, UPT Timisoara, Romania

**Dr. Silvia Tavernini**, Univ. of Parma, Italy

**Prof. Dan Stoia**, UPT Timisoara, Romania

**Prof. Chao Gao**, NTNU Trondheim, Norway

**Prof. Aleksandar Sedmak**, Univ. of Belgrade, Serbia

**Prof. Toni Ivanov**, Univ. of Belgrade, Serbia

**Dr. Goran Mladenovic**, Univ. of Belgrade, Serbia

**Mr. Isaak Trajkovic**, Univ. of Belgrade, Serbia

**Mr. Aleksa Milovanovic**, Univ. of Belgrade, Serbia

## Accommodation

In Belgrade there are plenty of possibilities for accommodation.

For more details please visit the University of Belgrade website:

<https://www.mas.bg.ac.rs/eng/accommodation/start>

## Registration (Winter School Office)

For registration please send an email either to:

- Prof. Roberto Brighenti: [brigh@unipr.it](mailto:brigh@unipr.it)

- SIRAMM staff: [SIRAMM.Twin@gmail.com](mailto:SIRAMM.Twin@gmail.com)

or fill the [online form](#)

## ECTS credits

**3 ECTS** will be recognized for the participation (for at least 70% of the lectures) to the winter school. **2 more ECTS** will be recognized upon the positive evaluation of the final assessment test (reserved only to participants in presence).