

Time Table (CET, Rome, Paris, Belgrade)

Feb. 5 th Sunday	Feb. 6 th Monday	Feb. 7 th Tuesday	Feb. 8 th Wednesday	Feb. 9 th Thursday
	9.00 – 9.30 1 st lecture (UBG & online) Prof. Liviu Marsavina UPT, Timisoara, Romania Presentation of the SIRAMM project			
	9.30 – 10.30 2 nd lecture (online) Dr. Giovanni Rizza Polytechnic of Turin, Italy "Additive manufacturing for industrial components: technologies, design and future perspective"	6 th lecture (UBG & online) Prof. Roberto Brighenti Univ. of Parma, Italy "Modeling of additive manufacturing processes: strategies and challenges"	10 th lecture (online) Prof. Chao Gao NTNU, Trondheim, Norway "Introduction to structural integrity of additive manufactured polymer component"	Practical session 3 (UBG & online) Aleksa Milovanovic Univ of Belgrade, Serbia Practical session on AM
	10.30 – 11.00 Break (UBG)	Break (UBG)	Break (UBG)	Break (UBG)
	11.00 – 12.00 3 rd lecture (UBG & online) Prof. Kozak Dražan Univ. of Slavonki Brod, Croatia Prof. Gubeljak Nenad University of Maribor, Slovenia "How to optimise the geometry of 3D printed lattice structures?"	7 th lecture (UBG & online) Prof. Silviu Vert UPT, Timisoara, Romania "Open science"	11 th lecture (UBG & online) Prof. Snezana Kim Prof. Aleksandar Sedmak Univ. of Belgrade, Serbia "Statistical analysis of fracture static testing of AMM"	Discussion session (UBG & online) Research, future perspectives and international collaborations on AM in engineering
	12.00 – 13.00 4 th lecture (UBG & online) Prof. Aleksandar Grbovic Univ. of Belgrade, Serbia "Fatigue crack growth simulation by xFEM"	8 th lecture (UBG & online) Prof. Dan Stolia UPT, Timisoara, Romania "Mechanical properties of components obtained through SLS"	12 th lecture (UBG & online) Prof. Toni Ivanov Univ. of Belgrade, Serbia "Application of additive manufacturing in Aeronautical Engineering"	Final exam (only in presence at UBG) Final written evaluation test
	13.00 – 15.00 Lunch	Lunch	Lunch	Lunch
14.30 – 16.30 Welcome reception & registration (UBG)	15.00 – 16.00 5 th lecture (UBG & online) Dr. Francesco Soncini 3DPR, Parma, Italy "Production Efficiency in SLS additive manufacturing"	9 th lecture (UBG & online) Dr. S. Tavernini Univ. of Parma, Italy "How to define impact in European projects: pre-award and post-award definition and implementation"	Practical session 1 (UBG & online) Prof. Goran Mladenovic Univ. of Belgrade, Serbia Practical session on AM	Closing of the winter School (UBG & online)
16.30 – 17.00 Opening of the winter School (UBG & online):	16.00 – 17.00 Presentation of some participants' backgrounds and current activities (UBG & online)	Presentation of some participants' backgrounds and current activities (UBG & online)	Practical session 2 (UBG & online) Isak Trajkovic Univ. of Belgrade, Serbia Practical session on AM	



H2020-WIDESPREAD-2018, Grant No. 857124



3rd Winter School on Trends on Additive Manufacturing for Engineering Applications

Faculty of Mechanical Engineering (FME)
University of Belgrade

Belgrade, Serbia, 5th-9th February 2023
in presence & Online

Winter school info

The 3rd winter school on **Trends on Additive Manufacturing for Engineering Applications** will be held in Belgrade, 5th-9th 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:

28th January 2023

Confirmation to participants:

2nd 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

- SIRAMM staff: 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).