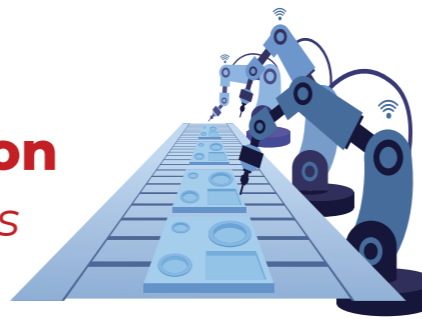


## 3<sup>th</sup> CI-LAM Summer School Inspiring new tech-X generation

*Spurring the next generation talents  
for advanced manufacturing*



**CI-LAM** China - Italy  
Joint  
Laboratory  
on Advanced  
Manufacturing

中意先进制造联合实验室

**The China-Italy Lab on Advanced Manufacturing is a bilateral platform established in 2017 to promote and enhance the results of a joint cutting-edge research and development within the field of Advanced and Smart Manufacturing. CI-LAM pools the resources of enterprises and research institutions to carry out application-oriented joint R&D and product innovation, helping manufacturing stakeholders in both countries – SMEs and start-ups in particular – adopt the new industrial paradigms and technologies.**

### THE CI-LAM SUMMER SCHOOL

This educational program follows the first edition of the CI-LAM Summer School launched in 2019, held in Naples from 15th to 28th July, with the participation of 22 Students from Tsinghua University, University of Naples Federico II and University of Bergamo. Due to the pandemic outbreak, the 2020 edition of the CI-LAM Summer School program was totally digitalised and transformed in an online training, innovation and matchmaking activity. Last year, more than 70 students from 19 universities from China and Italy and other countries have attended the courses.

For the **2021 edition**, the digitalized on-line form will be replicated. The School will be basically held **twice a week** and will last for four weeks starting from mid-July 2021. The third edition will involve primarily students from University of Bergamo, University of Naples, Tsinghua University but will also open to students from other Italian and Chinese universities. The attendance will be limited to a maximum number of 100 students. As in last year's edition. This CI-LAM Summer School 2021 is aimed at Master's (final year) and PhD students.

Each lecture will last 2 hours. After each lecture, researchers interested on the topic will have the opportunity to discuss in a **R&D matchmaking session** about possible bilateral joint research cooperation. The invited Research Groups to each matchmaking session will be in equal number from China and Italian sides

At the end of the School the students will receive a "**Certificate of Attendance**", issued by CI-LAM with the endorsement of the three academic organizing institutions.

Further information can be found on the website  
[www.cilam.org](http://www.cilam.org)

## Summer School Schedule

	Time		Topics	Lecturer
Week 0	Monday 12 July <i>Italy:</i> 10:00-11:00,	<i>China:</i> 16:00-17:00	<i>Opening and Kick off of CI-LAM Summer School Round Table on Human/Technological Coexistence and Ethics Challenges</i>	Department Deans, Teachers and CI-LAM Faculty members VIPs
	Tuesday 13 July <i>Italy:</i> 9:00-11:00 seminar 11:00-12:00 Match-making	<i>China:</i> 15:00-17:00 seminar 17:00-18:00 Match-making	<i>New Material for 3D Printing: Prototyping and Production</i>	Prof. Antonio Squillace
Week 1	Thursday 15 July <i>Italy:</i> 9:00-11:00 seminar 11:00-12:00 Match-making	<i>China:</i> 15:00-17:00 seminar 17:00-18:00 Match-making	<i>Open and Distributed Automation System</i>	Prof. Dai Wenbin
	Tuesday 20 July <i>Italy:</i> 9:00-11:00 seminar 11:00-12:00 Match-making	<i>China:</i> 15:00-17:00 seminar 17:00-18:00 Match-making	<i>Digital Twin and its Industrial Applications</i>	Prof. Sergio Cavalieri
Week 2	Friday 23 July <i>Italy:</i> 9:00-11:00 seminar 11:00-12:00 Match-making	<i>China:</i> 15:00-17:00 seminar 17:00-18:00 Match-making	<i>Smart Robotics</i>	Prof. Sun Fuchun
	Tuesday 27 July <i>Italy:</i> 9:00-11:00 seminar 11:00-12:00 Match-making	<i>China:</i> 15:00-17:00 seminar 17:00-18:00 Match-making	<i>IoT for 4.0 Industrial Revolutions</i>	Prof. Andrea Irace
Week 3	Friday 30 July <i>Italy:</i> 9:00-11:00 seminar 11:00-12:00 Match-making	<i>China:</i> 15:00-17:00 seminar 17:00-18:00 Match-making	<i>Development and Application of Novel Power Semiconductor Devices, Equipment and DC Grids</i>	Prof. Zhanqing Yu
	Tuesday 3 August <i>Italy:</i> 9:00-11:00 seminar 11:00-12:00 Match-making	<i>China:</i> 15:00-17:00 seminar 17:00-18:00 Match-making	<i>Machine Learning in Advanced Manufacturing</i>	Prof. Mirko Mazzoleni
Week 4	Friday 6 August <i>Italy:</i> 9:00-11:00 seminar 11:00-12:00 Match-making	<i>China:</i> 15:00-17:00 seminar 17:00-18:00 Match-making	<i>Energy Management for Energy Internet</i>	Prof. Qinglai Guo
	September 2021		<i>Closing Ceremony of Summer School Distribution of Certificate of Participation</i>	

*\*All the contents will be in English.*