

2025 Photonics TALENT Summer School - Laser Source Development for Industrial, Scientific, and Medical applications -

Monday 14 July, 2025	Time	Tuesday 15 July, 2025	Time	Wednesday 16 July, 2025	Time	Thursday 17 July, 2025	Time	Friday 18 July, 2025
FLYING IN		- INDUSTRIAL APPLICATIONS - High-Performance Lasers for industrial Applications		COMPANY VISITS		- SCIENTIFIC APPLICATIONS - Lasers in Atom Control and Gravitational Waves Detection		- MEDICAL APPLICATIONS - Lasers for Advancing Medical Applications
		08:00 - 08:45 Morning Coffee + Welcome Desk @IOA Hall	08:15 - 08:45	From ALPhANOV to AMPLITUDE		COURSES 90'	Before 09:00	CHECK-OUT AT THE HOTEL
		08:45 - 09:00 Opening 2d TALENT Summer School Germain GUIRAUD	08:45 - 09:00	Morning Coffee @Amplitude		08:00 - 09:30 Laser-cooled ultra-cold atoms, from fundamental research to applications David CLEMENT	09:00 - 10:00	Presentation by ALPhANOV fs laser sources emitting in the SWIR for multi-photon microscopy Valerian FREYSZ
		09:00 - 10:30 COURSES 90' Introduction to high-power lasers Inka MANEK-HÖNNINGER Introduction to non-linear effects and applications to mid-infrared sources Anne HILDENBRAND-DHOLLANDE	09:00 - 11:00	AMPLITUDE Visit		09:30 - 10:30 Talk by Special Guest High-power ultrafast laser technology for Terahertz generation Clara SARACENO	10:00 - 10:30	Presentation by IRISIOME Breaking the limits of traditional lasers: the advantages of Irsiome's picosecond systems Romain ROYON
		10:30 - 11:00 Coffee Break @IOA Hall	11:00 - 11:30	Coffee Break @Amplitude		10:30 - 11:00 Coffee Break @IOA Hall	10:30 - 11:00	Coffee break @IOA Hall
		11:00 - 12:30 Presentation by Toptica France High power and ultra-low noise visible laser for advanced semiconductor inspection systems Germain GUIRAUD	11:30 - 13:30	TOPTICA Visit		11:00 - 12:00 Presentation by EXAIL Laser system for advanced quantum clock interferometer Léa LAFARGUE	11:00 - 11:45	Presentation by AMPLITUDE How to manage lasers development and evolution in Ophthalmological business? Amélie LETAN
		12:30 - 13:30 Lunch Break @ IOA Cafeteria				12:00 - 13:00 Presentation by OCA Nice Gravitational wave detection by laser interferometry Margherita TURCONI	11:45 - 12:15	Presentation by ILASIS How Ilasis turns photonic innovation into clinical reality? Florent DELOISON
		13:30 - 14:30 Presentation by AMPLITUDE High intensity lasers for driving high order nonlinear effects Antoine COMBY	13:30 - 14:30	Lunch Break @ Cité de la Photonique		13:00 - 14:00 Lunch Break @ IOA Cafeteria	12:15 - 13:30	Lunch Break @ IOA Cafeteria
		14:30 - 15:30 Presentation by LEUKOS / EXAIL Supercontinuum lasers for industrial, biomedical and scientific applications Guillaume HUSS	14:30 - 15:00	Transfert to EXAIL		14:00 - 16:00 Job Fair @ IOA Hall & VR Workshop	13:30 - 15:30	ALPhANOV VISIT
		15:30 - 16:00 Coffee Break @ IOA Hall	15:00 - 17:00	EXAIL Visit		15:30 - 16:00 Coffee Break @ IOA Hall	15:30 - 16:00	Coffee Break @ IOA Hall
14:00 - 20:00 CHECK-IN AT THE HOTEL	16:00 - 17:30 POSTER SESSION N°1 (Pitch)	17:00 - 17:30	Back to TALENCE - With takeaway snack		16:00 - 17:30 POSTER SESSION N°2 (Exhibition)	16:00 - 16:30	CLOSING + SATISFACTION SURVEY	
	17:30 - 18:00 ICE BREAKING			End of day 2				
	17:30 - 18:00 Jury's DELIBERATION							
	18:00 - 19:00 COCKTAIL				17:30 - 19:30 Free Time			
		End of day 1			19:30 - 00:00 Social Event @ RoofTop Bordeaux		FLYING OUT	