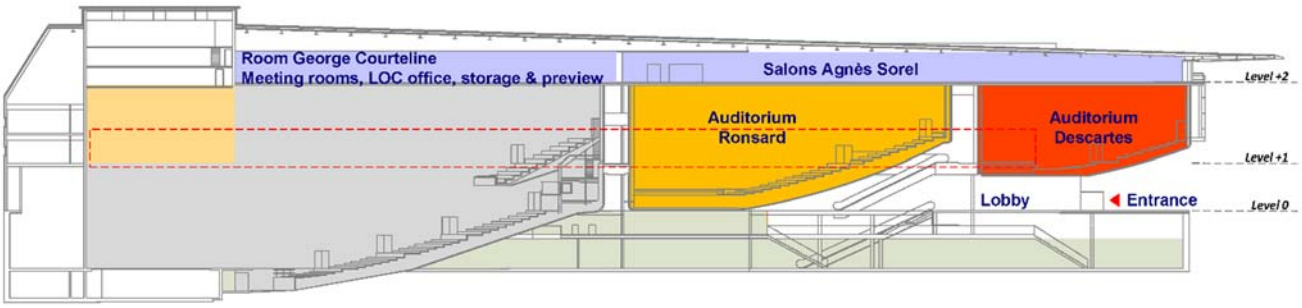
Scientific Program

Floor map



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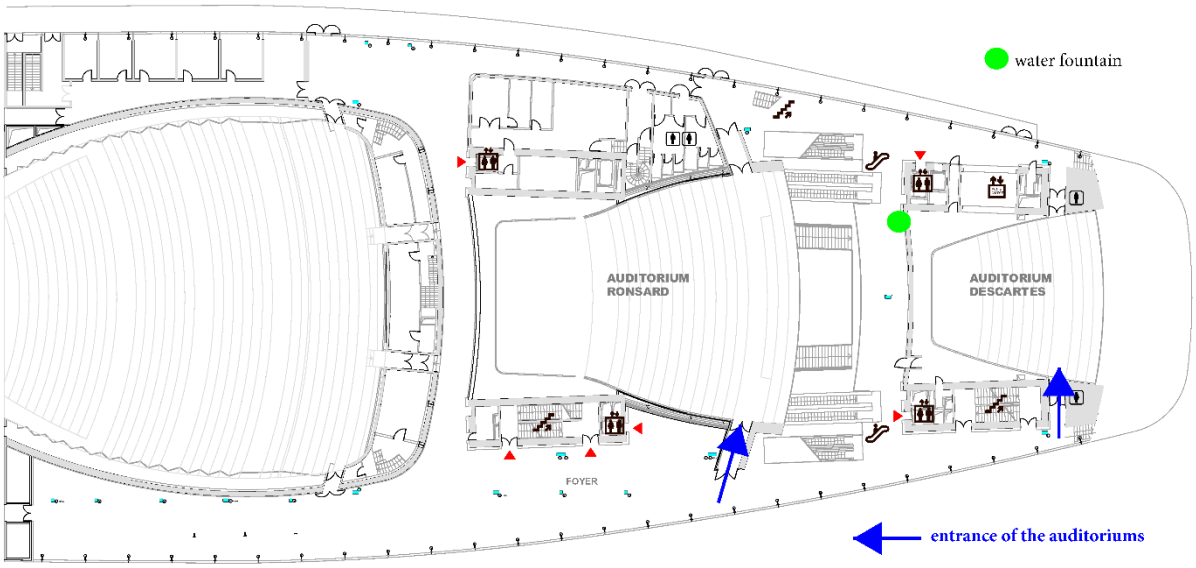

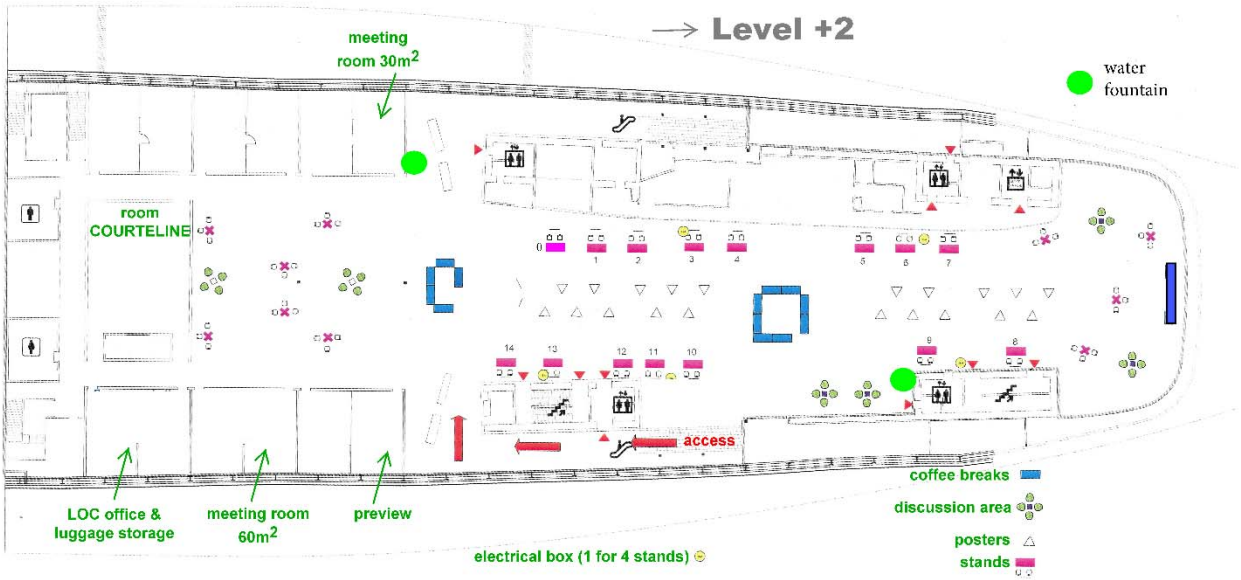

Exhibition

Please visit the exhibition in the salons Agnès Sorel (level+2). Fifteen sponsors will warmly welcome you.

Stand 0	SILIOS TECHNOLOGIES	*Stand 8*	LP
Stand 1	FOCUSED ENERGY	*Stand 9*	
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Stand 3	MarvelFusion	*Stand 11*	first light
Stand 4	ISP SYSTEM	*Stand 12*	EX-Fusion
Stand 5	exail	*Stand 13*	fuse
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In addition, the conference is supported by the following laboratories, international and national organizations.

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Sunday, September 14, 2025

16:00-18:00	**Registration**	Lobby
18:00-20:00	**Welcome Reception**	Salons Agnès Sorel

Monday, September 15, 2025

08:00 **Registration** — Lobby

08:30 Opening ceremony, tribute to the departed & prize ceremonies

Auditorium Ronsard
chair: Sébastien Le Pape (LULI, France)

08:30	Sébastien Le Pape *LULI (France)*	Welcome address by the Local Organizer
08:40	Olivier Vacus *CEA/DAM (France*	Welcome address by the CEA/DAM Scientific Director & opening of the conference
08:50	Sylvie Jacquemot *CPhT (France)*	Tribute to Kunioki Mima (1945-2025)
09:00	Joe Kilkenny *LLNL (USA)*	Tribute to Craig Sangster (1959-2025)
09:10	Richard Town *LLNL (USA)*	Ceremony for the 2025 Edward Teller medals: Siegfried Glenzer (SLAC, USA) & Hye-Sook Park (LLNL, USA)
09:30	Alexis Casner *CEA/DAM (France)*	Ceremony for the 2025 Edouard Fabre prizes: Maria Gatu Johnson (MIT, USA) & Robbie Scott (STFC/CLF, UK)
09:50	Kazuo Tanaka *ILE (Japan)*	Ceremony for the 2025 Chiyoe Yamanaka awards: Zhiyu Lei (Shanghai Jiao Tong U., China) & Ryunosuke Takizawa (ILE, Japan)

10:10 **Coffee break** — Salons Agnès Sorel

Keynote lectures

Auditorium Ronsard
chair: Jean-Luc Miquel (CEA/DIF, France)

10:40	K.Mo.A.1	Alexis Casner *CEA/DIF (France)*	Overview of Inertial Confinement Fusion developments in Europe
11.20	K.Mo.A.2	Keisuke Shigemori *ILE (Japan)*	Current status and future perspectives on developments of inertial fusion energy in Asia
12:00	K. Mo.A.3	Joseph Kilkenny *LLNL (USA)*	Moving on from Ignition: The Inertial Confinement Fusion Program in the United States

12:40 **Lunch break**

Oral session Central ignition I

Auditorium Ronsard
chair: Stéphane Liberatore (CEA/DIF, France)

13:40	O.Mo.A.1	David Schlossberg *LLNL (USA)*	Achieving Target Gain >2 with 2.2 MJ Drive Implosions on the NIF
14:00	O.Mo.A.2	Christopher Young *LLNL (USA)*	Improving target gain in inertial confinement fusion implosions on NIF
14:20	O.Mo.A.3	Brian Haines *LANL (USA)*	Relating Metrology to Performance in Recent High Yield Implosions on the National Ignition
14:40	O.Mo.A.4	Robert Dwyer *LANL (USA)*	Measurements of Thermonuclear Burn Dynamics from Nuclear Reaction History

Oral session Alternative laser-driven approaches I

Auditorium Descartes
chair: Sylvie Jacquemot (LULI, France)

13:40	O.Mo.B.1	Natsumi Iwata *ILE (Japan)*	Appearance of a dense electron flow efficient for core heating in PW laser-driven fast ignition

14:00	O.Mo.B.2	Tomoyuki Johzaki *Hiroshima U. (Japan)*	Neutron heating in fast ignition DT fusion: exploring magnetic field effects
14:20	O.Mo.B.3	Ryunosuke Takizawa *ILE (Japan)*	Yamanaka lecture: Enhancement of J×B acceleration with the structured target
14:40	O.Mo.B.4	Jie Zhang *CAS IoP (China)*	Recent progress of the DCI campaign from R11-R12 experiments

Oral session Laser-plasma interactions I

Room Courteline

chair: Dustin Froula (LLE, USA)

13:40	O.Mo.C.1	Laurent Gremillet *CEA/DIF (France)*	Ion acoustic instability resulting from suprathermal electrons generated by SRS in laser-plasma interactions
14:00	O.Mo.C.2	Rui Yan *USTC (China)*	Convective Nature of the Stimulated Raman Side Scattering in Inertial Confinement Fusion
14:20	O.Mo.C.3	Kevin Glize *STFC/CLF (UK)*	A parametric study of stimulated Raman side-scattering on directly-driven experiments
14:40	O.Mo.C.4	Charles Ruyer *CEA/DIF (France)*	Impact of the near-forward stimulated Brillouin scattering in indirect drive experiments

15:00 Poster session Inertial Fusion Science (Laser-plasma interactions | Fundamental properties) & High Energy Density Science

Salons Agnès Sorel

P.Mo.1	Gaétan Sary *CEA/DIF (France)*	Modeling stimulated Brillouin scattering from two smoothed laser beams crossing at large angle
P.Mo.2	Christophe Rousseaux *CEA/DIF (France)*	Unexpected Thomson signatures of strong density fluctuations in plasmas experiencing SRS of ns laser pulses
P.Mo.3	Adrien Fusaro *CEA/DIF (France)*	Exploring polarization smoothing parameters to improve laser propagation: experiment and simulations
P.Mo.4	Didier Benisti *CEA/DIF (France)*	Stimulated Raman scattering : growth, saturation, break-up, and production of hot electrons
P.Mo.5	Emeric Robinet *CEA/DIF (France)*	Modeling optically smoothed laser fields with thick rays
P.Mo.6	Paula Cardenas Ayala *CEA/DIF (France)*	Numerical studies of intermediate-field laser-plasma interaction on the Laser Mégajoule
P.Mo.7	Paul-Edouard Masson-Laborde *CEA/DIF (France)*	Influence of Spectral Bandwidth on the Nonlinear Kinetic Regime of Stimulated Raman for Spatially Smoothed Laser Beams
P.Mo.8	Gilles Riazuelo *CEA/DIF (France)*	Influence of the modulation parameters on smoothing performance of a quadruplet propagation in a plasma
P.Mo.9	Lin Yin *LANL (USA)*	The Development of Nonlinear Inline Laser-Plasma Instability Models using Machine Learning for Inertial Fusion Studies
P.Mo.10	Sushil Kumar Singh *CAS IoP (Czechia)*	Laser interaction with foam target in the context of inertial fusion research
P.Mo.11	Shubham Agarwal *CAS IoP (Czechia)*	Characteristics of charged particles and bremsstrahlung radiation in laser foam interaction at sub-relativistic intensity
P.Mo.12	Yoshitaka Mori *GPI (Japan)*	Current status of counter-illumination using the kJ-class petawatt LFEX system
P.Mo.13	Antonio Zurzolo *POLIMI (Italy)*	PIC simulation of laser-foam interaction: energy transfer and ion heating mechanisms
P.Mo.14	Can Yao *USTC (China)*	Resonance Density Range Governs Nonlinear Saturation in Parametric Instability
P.Mo.15	Ben Gosling *Warwick U. (UK)*	Particle-in-cell simulations of laser-plasma instabilities in shock-ignition
P.Mo.16	Yuyao Wang *York U. (UK)*	Characterization of Hot Electrons Generated by Stimulated Raman Side-Scattering in Shock-Ignition Relevant Regimes
P.Mo.17	Bedros Afeyan *Polymath Research (USA)*	Controlling Laser-Plasma Instabilities Using STUD Pulses: Instabilities with Nonlinear Electron Plasma Waves and KEEN Waves

P.Mo.18	Frédéric Pérez *LULI (France)*	Plasma harmonics emission and re-scattering in laser-plasma interaction
P.Mo.19	Vladimir Tikhonchuk *CELIA (France)*	Effect of spectral bandwidth on the stimulated scattering of spatially smoothed laser beams in direct drive experiments
P.Mo.20	Godefroy Meynard *CPhT (France)*	Off-resonance Cross Beam Energy Transfer between temporally smoothed laser beams
P.Mo.21	Charlotte Stuart *Oxford U. (UK)*	A mirror to the Sun: novel measurements of the variant T(t,2n)α spectrum
P.Mo.22	Kamel Bennadji *USTHB (Algeria)*	A decoupling method to introduce correlations in electron dynamical equations for dense plasmas
P.Mo.23	Philip Bradford *STFC/CLF (UK)*	Debris produced by PW-class lasers incident on solid targets
P.Mo.24	Dimitri Batani *CELIA (France)*	Shock Compression of Pre-Compressed Water: Towards the 300 K Isotherm with a Novel Diamond Anvil Cell
P.Mo.25	Mathieu Weber *LULI (France)*	Experimental and numerical investigation of laser intensity distribution influence on laser pressure loading
P.Mo.26	Victor Pellier *LULI (France)*	Phase diagrams of dynamically shocked transition metals studied using X ray Diffraction
P.Mo.27	Olivier Poujade *CEA/DIF (France)*	Influence of absorption by inverse-bremsstrahlung and electron heat conduction on scattering and x-ray conversion
P.Mo.28	Fabrizio Consoli *ENEA (Italy)*	Innovative source of intense laser-driven electromagnetic pulses and its manipulation of chatged particle beams
P.Mo.29	Kotaro Kondo *QST (Japan)*	Tightly focused laser wake field acceleration to generate high field gradient for verification of the Unruh effect
P.Mo.30	Guobo Zhang *NUDT (China)*	Generation of attosecond electron beam in wakefields driven by a few-cycle laser pulse
P.Mo.31	Weiquan Wang *NUDT (China)*	Generation of quasi-monoenergetic proton beams from near-critical density plasmas irradiated by picosecond laser pulses
P.Mo.32	Diya Pan *ILE (Japan)*	GeV Proton Generation at Moderate Intensities via an Energy-Matched Double-Pulse Scheme in Micronozzle Acceleration
P.Mo.33	Ishay Pomerantz *Tel Aviv U. (Israel)*	Ion acceleration from micrometric targets immersed in an intense laser field
P.Mo.34	Kakeru Watanabe *Nagaoka Tech. U. (Japan)*	Reproducibility of plasma generation in a laser ion source with liquid metal target using a rotating drum
P.Mo.35	Kazumasa Takahashi *Nagaoka Tech. U. (Japan)*	Control of Ablation Plasma in a Laser Ion Source Using a Permanent Ring Magnet
P.Mo.36	Kawai Ryotaro *Tohoku U. (Japan)*	Comprehensive numerical analysis of laser-ion acceleration including prepulse plasma generation process
P.Mo.37	Hayato Kusano *Osaka U. (Japan)*	Nuclear Reactions in Ion Acceleration by Irradiating a Nanometer-thick Graphene Target with LFEX Laser
P.Mo.38	Carlos Sanchez *CLPU (Spain)*	Characterization of short laser-driven proton pulses for ion stopping power experiments
P.Mo.39	Kensei Iwasa *Osaka U. (Japan)*	Bright pulsed point neutron sources using ultra-intense lasers and spherical deuterated capsules
P.Mo.40	Han-Ying Liu *Astral Neutronic Ltd (UK)*	Multi-state Fusion Reactor for Diverse Applications
P.Mo.41	Bertrand Martinez *CEA/DIF (France)*	Investigation of metallic x-ray sources at the Omega laser facility
P.Mo.42	Connor Williams *SNL (USA)*	Pulsed-Power Approach to Pair Production in Magnetic Fields below the Schwinger Limit
P.Mo.43	Jinglong Li *Shanghai Jiao Tong U. (China)*	First laboratory observation of anisotropic proton emission in small-scale vicinity of laser-produced cosmic-ray sources
P.Mo.44	David Stark *William & Mary College (USA)*	Particle-in-cell study of the time evolving laser self-focusing characteristics in near-critical plasmas

15:40-16 :10 **Coffee break** Salons Agnès Sorel

Oral session Central ignition II

Auditorium Ronsard
chair: Michael Rosenberg (LLE, USA)

16:40	O.Mo.A.5	Stéphane Laffite *CEA/DIF (France)*	The Indirect-drive ICF program on LMJ
17:00	O.Mo.A.6	Marion Lafon *CEA/DIF (France)*	Investigation of Laser-Plasma Instabilities in the First ICF Implosions Using Low Gas-Filled Hohlraums on the LMJ
17:20	O.Mo.A.7	Raphaël Riquier *CEA/DIF (France)*	Yield degradation in the compressive regime at the LMJ
17:40	O.Mo.A.8	João Santos *CELIA (France)*	Magnetized ICF: studies of the transport of heat and magnetic flux in pre-magnetized cylindrical implosions

Oral session Diagnostics I

Auditorium Descartes
chair: Guillaume Boutoux (CEA/DIF, France)

16:40	O.Mo.B.5	Feng Wang *CAEP (China)*	Progress in High Spatiotemporal Resolution Diagnostic Technology for implosion Stage in laser inertial confinement fusion experiments
17:00	O.Mo.B.6	Brian Appelbe *Imperial College (UK)*	Diagnosing the temporal evolution of thermonuclear burn
17:20	O.Mo.B.7	Alastair Moore *LLNL (USA)*	Diagnosing Igniting Implosions with Detailed Neutron Spectroscopy
17:40	O.Mo.B.8	Gareth Hall *LLNL (USA)*	Measuring mix in ICF implosions using narrowband crystal imaging

Oral session Hydrodynamics I

Room Courteline
chair: Gabriel Rigon (LULI, France)

16:40	O.Mo.C.5	Alison Saunders *LLNL (USA)*	Radiation Transport through Hohlraum Windows to Harness the Power of Ignition
17:00	O.Mo.C.6	Maria Gatu Johnson *MIT (USA)*	Fabre lecture: Studies of Non-Maxwellian ion-velocity distributions and their signatures in Fusion Product Spectra in Inertial Confinement Fusion plasmas
17:20	O.Mo.C.7	Eduard Dewald *LLNL (USA)*	Mitigation of residual kinetic energy in indirect drive ignition implosions on the National Ignition Facility
17:40	O.Mo.C.8	Daniel Ruiz *SNL (USA)*	Experimental investigation of the magneto Rayleigh-Taylor instability in Z-pinch implosions: harmonic generation, inverse cascade, and dynamic similarity

Tuesday, September 16, 2025

08:00 **Registration** Lobby

Teller lectures / Plenary lectures I

Auditorium Ronsard
chair: John Edwards (LLNL, USA)

08:30	OP.Tu.A.1	Hye-Sook Park *LLNL (USA)*	Teller lecture: Exploring High Energy Density Physics with High Power Lasers
09:00	OP.Tu.A.2	Siegfried Glenzer *SLAC (USA)*	Teller lecture: Accelerating the quest for inertial fusion energy using ultra-high peak power X-rays
09:30	OP.Tu.A.3	Michael Stadermann *LLNL (USA)*	Target Fabrication after Ignition
10:00	OP.Tu.A.4	Dustin Froula *LLE (USA)*	A future of inertial confinement fusion without laser-plasma instabilities

10:30 **Coffee break** Salons Agnès Sorel

Oral session Target design I

Auditorium Ronsard
chair: Robbie Scott (STFC/CLF, United Kingdom)

11:00	O.Tu.A.1	Xiaohu Yang *NUDT (China)*	Achieving efficient target implosion through hybrid optimization and hydro-equivalent analysis for direct-driven inertial confinement fusion
11:20	O.Tu.A.2	Stefano Atzeni *Focused Energy (Germany)*	Implosion Target Designs for Focused Energy's Fusion Pilot Plant
11:40	O.Tu.A.3	Steve Maclaren, on behalf of Jose Milovich *LLNL (USA)*	Highly resolved computer simulations of AM wetted-foam experiments at OMEGA including the foam structure
12:00	O.Tu.A.4	John Kline *LANL (USA)*	A common model framework for advancing physics models in radiation hydrodynamic codes for inertial fusion energy
12:20	O.Tu.A.5	Giselle Fernández-Godino *LLNL (USA)*	Toward Robust High-Gain Designs for Inertial Fusion Energy via Bayesian Optimization

Oral session Drivers I

Auditorium Descartes
chair: Denis Marion (CELIA, France)

11:00	O.Tu.B.1	Félicie Albert *LLNL (USA)*	The Jupiter Laser Facility: a kilojoule-class laser for producing and exploring extreme states of matter
11:20	O.Tu.B.2	Trevor Cohen *Blue Laser Fusion (USA)*	Recent progress for commercializing IFE based on a novel high efficiency 10 MJ laser
11:40	O.Tu.B.3	Takashi Sekine *Hamamatsu Photonics (Japan)*	Research on LD pumped 1 kJ lasers and IFE related technologies
12:00	O.Tu.B.4	Nathan Brown *SNL (USA)*	Experimental observation of power coupling insensitivity to electrode contamination in a pulsed power fusion target
12:20	O.Tu.B.5	Zhiyu Lei *Shanghai Jiao Tong U. (China)*	Yamanaka lecture: Towards the generation of petawatt near-infrared few-cycle light pulses via forward Raman amplification in plasma

Oral session Secondary Sources I

Room Courteline
chair: Frédéric Pérez (LULI, France)

11:00	O.Tu.C.1	Xavier Davoine *CEA/DIF (France)*	Experimental and numerical characterization of high-energy point-like X-ray sources for radiography applications at the LMJ-PETAL laser facility
11:20	O.Tu.C.2	Luis Leal *LLNL (USA)*	Mechanisms of hard x-ray generation in foam-filled hohlraums using non-thermal electrons accelerated by laser plasma interactions
11:40	O.Tu.C.3	Henryk Fiedorowicz *MUT (Poland)*	Improvement of laser plasma sources of soft X-rays and extreme ultraviolet by using an aerosol target

12:40 **Lunch break**

Oral session Central ignition III

Auditorium Ronsard
chair: Marion Lafon (CEA/DIF, France)

13:40	O.Tu.A.6	Philip Moloney *Imperial College (UK)*	Multi-Dimensional Study of Laser Spot Zooming for Direct-Drive Fusion Targets
14:00	O.Tu.A.7	Brian Albright *LANL (USA)*	Self-Similar Hot Spots in Layered Inertial Fusion Capsules
14:20	O.Tu.A.8	Duc Cao *LLE (USA)*	Advancing Physical Insights into OMEGA Implosions through Statistical Analysis with the 2-D DRACO Simulation Database
14:40	O.Tu.A.9	Ryan Lester *LANL (USA)*	THOR: Developing a Next-Generation Platform for Radflow and Opacity Measurements

Oral session Targets I

Auditorium Descartes
chair: Michael Stadermann (LLNL, USA)

13:40	O.Tu.B.6	Neil Alexander *GA (USA)*	Status of fabrication methods for wetted foam targets
14:00	O.Tu.B.7	Andrea Bertoncini *Nanoscribe (Germany)*	Monolithic Fabrication of High-Precision Shells and Gradient-Density Foams via Two-Photon Grayscale Lithography
14:20	O.Tu.B.8	Guillaume Legay *CEA/Valduc (France)*	Update on the latest developments in the Target Fabrication Department
14:40	O.Tu.B.9	Yu Takagaki *EX-fusion (Japan)*	Toward Continuous Operation Laser Fusion Reactors: Integrated Target Injection, Tracking, and multi-beam Illumination at 10 Hz

Oral session Fundamental properties I

Room Courteline
chair: Joao Santos (CELIA, France)

13:40	O.Tu.C.5	Daniel Guerroudj *PIIM (France)*	Electron heat transport across different regimes using Non-Equilibrium-Molecular-Dynamics and Particle-In-Cell methods
14:00	O.Tu.C.6	Nicholas Mitchell *Imperial College (UK)*	Nonlocal transport in magnetized plasmas: heat conduction and beyond
14:20	O.Tu.C.7	Ludovic Lecherbourg *CEA/DIF (France)*	Cooling and recombination dynamics of an Al plasma in AlTi or AlAu mixtures heated by an ultraintense laser pulse
14:40	O.Tu.C.8	Mufei Luo *Oxford U. (UK)*	Data-Driven Heat Transport Modeling in Plasmas Using Neural Networks

15:00 Poster session Inertial Fusion Science (except Laser-Plasma Interactions | Fundamental properties)

Salons Agnès Sorel

P.Tu.1	Hannah Hasson *SNL (USA)*	Enhancing dI/dt via current switching using parallel targets on the Z facility

P.Tu.2	Jeffrey Woolstrum *SNL (USA)*	FLEXO Simulations of Low-Density Plasma Behavior Around a New Combined Stability Platform for Z-Pinch ICF
P.Tu.3	Chiatai Chen *Pacific Fusion (USA)*	Effect of power flow asymmetry on wire-array Z-pinch ablation flow
P.Tu.4	Lingrui Li *NUDT (China)*	Achieving efficient implosion for double-shell targets driven by Z-pinch dynamic hohlraum
P.Tu.5	Adrien Gallin *CPhT (France)*	Ablation flow sensitivity to ablator density modulations in ICF
P.Tu.6	Sam Pellone *LANL (USA)*	Transition to Turbulence in a Shock-Driven High-Energy-Density Experiment
P.Tu.7	Ben Fisher *York U. (UK)*	Investigating Material Response to Laser Imprint at SACLA
P.Tu.8	Ondrej Klimo *CTU Prague (Czechia)*	Foam with variable pore size and average density for laser-plasma experiments based on regular closed-pore SiO2 structure
P.Tu.9	Fuka Nikaido *Osaka U. (Japan)*	Spatiotemporal evolution of instabilities and electromagnetic turbulence driven by asymmetric counter-streaming plasmas
P.Tu.10	Sam O'Neill *York U. (UK)*	Simulations of CH ablation in direct-drive relevant conditions using a coupled electron Vlasov-Fokker-Planck and ion hydrodynamics code
P.Tu.11	Adam Fraser *First Light Fusion (UK)*	A multivariate sensitivity analysis of the Revolver target to radiation transport model configurations
P.Tu.12	Jirí Löffelmann *CTU Prague (Czechia)*	Study of magnetic field transport in laser-produced plasma using extended MHD model in simulation code FLASH
P.Tu.13	Masakatsu Murakami *ILE (Japan)*	New self-similar Solution for Multi-stacked Converging Shocks and High Compression of Matter
P.Tu.14	Adam Dearling *Imperial College (UK)*	Investigating jet dynamics in radiation hydrodynamic simulations of high-energy-density plasmas
P.Tu.15	Jumana Ibrahim Mohamed *First Light Fusion (UK)*	Optimised laser tamping design for enhanced direct-drive implosion efficiency in triple-shell targets
P.Tu.16	Aidan Crilly *Imperial College (UK)*	Automated target and pulse design for laser direct drive using multi-fidelity and differentiable optimisation schemes
P.Tu.17	Diego Viala *LULI (France)*	Numerical studies of foam-based target designs for stable direct-drive implosions
P.Tu.18	Ewan Ferdinandi *Imperial College (UK)*	Radiation-Hydrodynamic Simulations of the Revolver Ignition target
P.Tu.19	Cara Clarke *QUB (UK)*	Bayesian Optimization of Fusion Gain in 1D ICF Simulations
P.Tu.20	Camille Samulski *LANL (USA)*	Designing a High Yield Polar Direct Drive Target for a 10MJ Laser
P.Tu.21	John Kuczek *LANL (USA)*	xRAGE Modeling for Xcimer Baffled Hohlraum Designs
P. Tu.22	Isobel Wilson *First Light Fusion (UK)*	A collision-based, simple target model with a buffer layer perturbation term
P.Tu.23	Manuel Cotelo *UPM (Spain)*	Recent numerical simulations of two-sided hybrid ICF targets with ARWEN radiation hydrodynamics code
P.Tu.24	Rafel Bordas *First Light Fusion (UK)*	Accelerating target design workflows with probabilistic machine learning and artificial intelligence
P.Tu.25	Sean Barrett *First Light Fusion (UK)*	IGNIS: First Light Fusion's Next Generation Multi-Physics code for IFE and HEDP
P.Tu.26	Sam Rudgyard *First Light Fusion (UK)*	Verification and Validation of First Light Fusion's Multi-Physics Codes, B2 and IGNIS
P.Tu.27	Jean-Luc Vay *LBNL (USA)*	Progress of the US DOE project on Kinetic IFE Simulations at Multiscale with Exascale Technology (KISMET)
P.Tu.28	Esmat Ghorbanpour *New South Wales U. (Australia)*	Studying proton-11boron fuel compositions for fast ignition IFE
P.Tu.29	Dieter Hoffmann *Xi'an Jiatong U. (China)*	The Perspectives of the Proton-Boron Fusion Reaction
P.Tu.30	Bofang Jiang *Shanghai Jiao Tong U. (China)*	Localized End-on Heating for Hotspot Ignition in Precompressed Isochoric Plasmas
P.Tu.31	id. (on behalf of Dong Wu)	The colliding of high Mach number plasma jets: a kinetic investigation

P.Tu.32	Naoya Tamaki *Osaka U. (Japan)*	Laser-driven Ion Acceleration Using Large-area Suspended Graphene for Ion Fast Ignition
P.Tu.33	Tao Tao *USTC (China)*	DCI Direct-Drive Laser Modeling and Pulse Shape Optimization
P.Tu.34	Fahrat Beg *UC San Diego (USA)*	Proton Fast Ignition: High gain concept for Inertial Fusion Energy
P.Tu.35	Hideo Nagatomo *ILE (Japan)*	Implosion design using a multi-objective optimization method for fast ignition
P.Tu.36	Alessio Morace *ILE* (Japan)	Post Compressor for Extreme Intensity LFEX laser and application to Fast Ignition
P.Tu.37	Alex Robinson *STFC/CLF (UK)*	Potential for Pure Deuterium Fusion at Extreme Densities via Neutron-Mediated Chain Reactions
P.Tu.38	Witold Cayzac *CEA/DIF (France)*	Direct-drive implosions at the Laser MegaJoule facility
P.Tu.39	Rodolphe Collin *CEA/DIF (France)*	3D implosion symmetry of ICF on LMJ
P.Tu.40	Stéphane Liberatore *CEA/DIF (France)*	Indirect drive ICF experiments on the LMJ facility in 2025
P.Tu.41	Benjamin Bachmann *LLNL (USA)*	Three-Dimensional Measurements of Thermodynamic and Atomic Properties of Igniting Plasmas on the NIF
P.Tu.42	Darwin Ho *LLNL (USA)*	High-yield implosions using DT wetted foam for intertial fusion energy (IFE)
P.Tu.43	William Farmer *LLNL (USA)*	Adjusting physical models within uncertainties as an intermediate step towards eliminating the drive deficit
P.Tu.44	Jacob Pearcy *LANL (USA)*	Revealing the Structure and Dynamics of Self-Generated Electric and Magnetic Fields Near Plasma Stagnation in Laser-Driven Hohlraums
P.Tu.45	Yongho Kim *LANL (USA)*	Evaluating the effects of a modified hohlraum with thin windows on capsule implosion behavior using the 2DConA surrogate platform
P.Tu.46	Nicholas Ruof *LLNL (USA)*	Constraining Hydrodynamic Models of Indirect Drive Ignition Implosions with Capsule Surrogate Experiments
P.Tu.47	César Silva de Freitas *Imperial College (UK)*	Simulations of asymmetric implosions in magnetised direct drive cylindrical targets on NIF and OMEGA
P.Tu.48	Johan Frenje *MIT (USA)*	On the origin and nature of the alpha knock-on tail in neutron spectra from ignited implosions at the NIF

15:40-16 :10 **Coffee break** Salons Agnès Sorel

Oral session <u>Central ignition IV</u>

Auditorium Ronsard
chair: Raphaël Riquier (CEA/DIF, France)

16:40	O.Tu.A.10	Elijah Kemp *LLNL (USA)*	First demonstration of a layered direct-drive inertial confinement fusion target on the National Ignition Facility
17:00	O.Tu.A.11	Steve Maclaren *LLNL (USA)*	Testing wetted foam performance in the self-heating regime at the National Ignition Facility
17:20	O.Tu.A.12	Kevin Baker *LLNL (USA)*	Frustraum 1050 campaign on the National Ignition Facility
17:40	O.Tu.A.13	Benjamin Duhig *Imperial College (UK)*	Low-Mode X-ray Drive Asymmetries in ICF Hohlraums: 3D Rad-MHD Simulations with Chimera

Oral session <u>Hydrodynamics II</u>

Auditorium Descartes
chair: Chris Weber (LLNL, USA)

16:40	O.Tu.B.10	Laurent Masse *CEA/DIF (France)*	First experiment using an hydrodynamic growth radiograph platform at LMJ
17:00	O.Tu.B.11	Rahul Shah *LLE (USA)*	Observation of mitigated surface feature growth in laser direct drive
17:20	O.Tu.B.12	Yu Dai	Bubble re-acceleration in the ablative Rayleigh-Taylor instability during

		CAS IoP (China)	the coasting phase of direct-drive irradiation
17:40	O.Tu.B.13	Hongbo Cai *IAPCM (China)*	The impact of ion mixing and viscosity on the evolution of Richtmyer–Meshkov instability

Oral session <u>Diagnostics II</u>

Room Courteline

chair: Siegfried Glenzer (SLAC, USA)

16:40	O.Tu.C.9	Tobias Dornheim *HZDR (Germany)*	Towards model-free x-ray scattering diagnostics of warm dense matter
17:00	O.Tu.C.10	Nobuhiko Izumi *LLNL (USA)*	Development and Operational Modeling of an X-ray Imaging Detector for High-Resolution Turbulence Observation at the National Ignition Facility
17:20	O.Tu.C.11	Alejandro Laso Garcia *HZDR (Germany)*	The Perfect Backlighter: Advancing Inertial Fusion Energy with an XFEL
17:40	O.Tu.C.12	Lingen Huang *HZDR (Germany)*	Coherent X-ray imaging of shock and cylindrical implosion dynamics in ultra-short relativistic laser-solid interactions relevant to IFE research

Wednesday, September 17, 2025

Plenary lectures II

Auditorium Ronsard
chair: Ryosuke Kodama (ILE, Japan)

08:30	OP.We.A.1	Yasuhiko Sentoku *ILE (Japan)*	IREX-NEO Project in ILE - Strategy to Demonstrate Fast Ignition by Upgraded GEKKO-XII and LFEX Lasers
09:00	OP.We.A.2	Duncan Barlow *CEA/DIF (France)*	Implosion and illumination design for laser driven fusion energy
09:30	OP.We.A.3	Guillaume Boutoux *CEA/DIF (France)*	Experimental platforms and plasma diagnostics updates at LMJ/PETAL
10:00	OP.We.A.4	Dave Bradley *LLNL (USA)*	The crucial role of diagnostics in achieving ignition and beyond on the National Ignition Facility (NIF)

10:30 **Coffee break** Salons Agnès Sorel

Oral session Drivers II

Auditorium Ronsard
chair: Félicie Albert (LLNL, USA)

11:00	O.We.A.1	Travis Petersen *LLNL (USA)*	Recent laser performance results at the National Ignition Facility
11:20	O.We.A.2	Yasunobu Arikawa *ILE (Japan)*	Refinement project on GekkoXII and LFEX facility
11:40	O.We.A.3	Denis Marion *CELIA (France)*	Horizon: an Emerging Architecture for High-Pulse Energy, Multi-Kilowatt Picosecond Lasers

Oral session Inertial Fusion Science

Auditorium Descartes
chair: Yasuhiko Sentoku (ILE, Japan)

11:00	O.We.B.1	Matthew Khan *STFC/CLF (UK)*	Performance Enhancement of Direct-Drive Shock Augmented Ignition Inertial Fusion Implosions through Shock Timing Optimisation
11:20	O.We.B.2	Chris Walsh *LLNL (USA)*	Magnetized ICF implosions: ignition at lower laser energy using designs with more mass remaining
11:40	O.We.B.3	James Allison *First Light Fusion (UK)*	Bayesian Calibration of Liner experiments using Neural Posterior Estimation

Oral session Fundamental properties II

Room Courteline
chair: Masakatsu Murakami (ILE, Japan)

11:00	O.We.C.1	Lucas Stanek *SNL (USA)*	The Sensitivity of Inertial Confinement Fusion Simulations to Equations of State and Conductivity Datasets
11:20	O.We.C.2	Victor Beltran *First Light Fusion (UK)*	Bridging the pressure gap between pulsed power and laser facilities for EoS platforms
11:40	O.We.C.3	Pauline Valois *CEA/DIF (France)*	Low-density materials Equation of State measurements

12:00 **Lunch break**

13:00 **Excursion departure**

Thursday, September 18, 2025

Plenary lectures III

Auditorium Ronsard
chair: Shinsuke Fujioka (ILE, Japan)

08:30	OP.Th.A.1	Matthias Hohenberger *LLNL (USA)*	First demonstration of mix mitigation and increased performance using continuous dopant targets in ICF implosions on the NIF
09:00	OP.Th.A.2	Jose Manuel Perlado Martin *Focused Energy (Germany)*	Engineering Design Considerations for a Laser Direct-Drive Fusion Reactor
09:30	OP.Th.A.3	Bin Qiao *Pekin U. (China)*	Research Progress of Laboratory Astrophysics Based on Large Laser Facilities in China
10:00	OP.Th.A.4	Jun Li *USTC (China)*	Intensity spikes dominate hot electron production in moderate-bandwidth laser plasma interaction

10:30 **Coffee break** Salons Agnès Sorel

Oral session IFE reactors I

Auditorium Ronsard
chair: Akifumi Iwamoto (ILE, Japan)

11:00	O.Th.A.1	Mykola Ialovega *GenF (France)*	Addressing the First Wall Challenges for an ICF Pilot Plant Pacific
11:20	O.Th.A.2	Alex Zylstra *Pacific Fusion (USA)*	Pacific Fusion's approach to high-yield and high-gain inertial fusion
11:40	O.Th.A.3	Justin Galbraith *LLNL (USA)*	The Development of a Point Design for LD-FIRST (Laser Driven Fusion Integration Research and Science Test Facility) Informed by Integrated Systems Modeling
12:00	O.Th.A.4	Arnaud Debayle *Focused Energy (Germany)*	Towards Laser Port Designs for Reduced Laser Imprint in Inertial Fusion Facilities

Oral session Hydrodynamics III

Auditorium Descartes
chair: Fabrizio Consoli (ENEA, Italy)

11:00	O.Th.B.1	Angelos Triantafyllidis *LULI (France)*	Heat Transport in Laser-Produced Magnetized Plasmas
11:20	O.Th.B.2	Kevin Ma *LANL (USA)*	Simulations of electron and radiation preheat effects in laser-shocked 3D-printed plastic lattice media
11:40	O.Th.B.3	Mattia Cipriani *ENEA (Italy)*	High-power laser irradiation of 3D-printed micro-structures: experiments and simulations
12:00	O.Th.B.4	Maria Gatu Johnson, on behalf of Audrey Devault *MIT (USA)*	Quantifying wetted foams shock-front non-uniformities with 2D VISAR: two-photon polymerization foams wetted with cryogenic D2

Oral session Secondary Sources II

Room Courteline
chair: Henryk Fiedorowicz (WAT, Poland)

11:00	O.Th.C.1	Jan Psikal CTU Prague (Czechia)	Pulse Ramp Effects on Target Normal Sheath Acceleration at Relativistic Intensities
11:20	O.Th.C.2	Benoit Mahieu CEA/DIF (France)	Laser-wakefield acceleration of µC-class electron beams at LMJ-PETAL

11:40	O.Th.C.3	Claire Baccou CEA/DIF (France)	Experimental characterization of high brightness Xenon and Krypton x-ray sources at the LMJ facility
12:00	O.Th.C.4	Ryuya Yamada ILE (Japan)	Status on laser-driven spin polarized neutron generation

12:20 **Lunch break**

Oral session IFE programmes

Auditorium Ronsard
chair: Sébastien Le Pape (LULI, France)

13:30	O.Th.A.5	Constantin Haefner *Fraunhofer (Germany)*	Germany's Fusion 2040 Initiative: Building a Collaborative Framework for Advancing Fusion Energy
13:50	O.Th.A.6	Thomas Cowan *HZDR (Germany)*	Inertial Fusion Research at the European XFEL
14:10	O.Th.A.7	Carmen Menoni *Colorado State U. (USA)*	The IFE-STAR RISE hub research efforts to advance inertial fusion
14:30	O.Th.A.8	Robbie Scott *STFC/CLF (UK)*	Fabre lecture: UPLiFT: UK Programme of Laser Inertial Fusion Technology for Energy

Oral session Laser-Plasma Interactions II

Auditorium Descartes
chair: Sophie Baton (LULI, France)

13:30	O.Th.B.5	Raj Laxmi Singh *ELI Beamlines (Czechia)*	High-energy density laser matter interaction at ELI Beamlines
13:50	O.Th.B.6	Stefan Hüller *CPhT (France)*	The impact of ponderomotively driven bow shocks on Cross Beam Energy Transfer
14:10	O.Th.B.7	John Moody *LLNL (USA)*	Direct and indirect effects from magnetized cross-beam energy transfer
14:30	O.Th.B.8	Thomas Chapman *LLNL (USA)*	An early look at laser plasma interaction in laser indirect drive designs at 10 MJ of incident energy

Oral session Diagnostics III

Room Courteline
chair: Stéphane Darbon (CEA/DIF, France)

13:30	O.Th.C.5	Victorien Bouffetier *HZDR (Germany)*	X-ray phase contrast imaging with lasers and XFELs: a comparative study
13:50	O.Th.C.6	Qing Jia *USTC (China)*	3D reconstruction of inertial confinement fusion hot spots using a hybrid neural-voxel algorithm
14:10	O.Th.C.7	Neel Kabadi *LLE (USA)*	Temporally and spectrally resolved measurements of the optical reflectivity of HED materials on OMEGA-EP
14:30	O.Th.C.8	Joshua Martin *LANL (USA)*	Reaction-in-Flight Neutrons: Thick and Thin Plasmas

14:50 Poster session Technologies & IFE programmes

Salons Agnès Sorel

P.Th.1	Trevor Smith *SNL (USA)*	Femtosecond laser-induced breakdown spectroscopy of desorbed neutral surface contaminants from rapidly heated wires
P.Th.2	Agnes Wojtusiak *STFC/CLF (UK)*	An evaluation of gain media for use in a laser driver for fusion as part of the UPLiFT project
P.Th.3	Laura Blanchet *CEA/CESTA (France)*	Optimization of bonded-chip amplifier medium to optimized repetition rate and spatial gain uniformity of laser Front-end
P.Th.4	Sébastien Montant *CEA/CESTA (France)*	Liquid-crystal spatial light modulator for large-scale high-power infrared laser amplitude control
P.Th.5	Nathalie Blanchot	PETAL performance: achieving PW on target with upgraded optics

	CEA/CESTA (France)	
P.Th.6	Margaux Chanal *CEA/CESTA (France)*	Laser performances on Laser MegaJoule facility for ICF experiments
P.Th.7	Gabriel Mennerat *LIDYL (France)*	High-performance frequency conversion for future ICF laser chains
P.Th.8	Nobuto Kageyama *Hamamatsu Photonics (Japan)*	Performance and Technology of High Power Density Laser Diode Bar Stacks
P.Th.9	Anthony Seret *CEA/Valduc (France)*	Deuterium filling and phase transition in LMJ ICF targets
P.Th.10	Ronan Botrel *CEA/Valduc (France)*	Development of an automated electroplating process for the manufacturing of thin-walled hohlraum.
P.Th.11	Raphaël Pénélope *CEA/Valduc (France)*	Foam target structures developed by two-photon polymerization for inertial confinement fusion
P.Th.12	Rémi de Mollerat du Jeu *CEA/CESTA (France)*	Metrology for LMJ target structures: current state
P.Th.13	Bertrand Etchessahar *CEA/DIF (France)*	Design of a magnetization system for the LMJ-PETAL facility
P.Th.14	Maxime Dumas *CEA/Valduc*	Characterization automation of LMJ ICF capsules
P.Th.15	Florian Condamine *GenF (France)*	Numerical Simulation of IFE Targets Injection
P.Th.16	Hideki Minato *EX-Fusion (Japan)*	10Hz target injection and multi-beam laser tracking facility
P.Th.17	Yuki Yoshimura *EX-Fusion (Japan)*	Development of a Φ150 mm steering mirror for commercial laser fusion reactors
P.Th.18	Takuya Sugimoto *EX-Fusion (Japan)*	Advances in Target Delivery for Inertial Fusion Energy: Electromagnetic Injection and Cryogenic Liquid Jet Formation
P.Th.19	Hanshuo Liu *Shanghai Jiao Tong U. (China)*	Effects of Claw Geometry in MEMS Silicon Cooling Arms on Stress Distribution and Temperature Uniformity for Inertial Confinement Fusion
P.Th.20	Hao Bian *Shanghai Jiao Tong U. (China)*	High-Precision Foam Target Fabrication Using Two-Photon Polymerization for Double-Cone Ignition Experiments
P.Th.21	Jean-Pierre Didelez *IJCLab (France)*	Dynamic Nuclear Polarization in Solid DT
P.Th.22	Sébastien Hubert *CEA/CESTA (France)*	X-ray calibration of Laser MégaJoule cameras over the 0.1-20 keV range. Radiometric calibrations of X-ray CCDs, X-ray Streak and framing cameras by means of monochromatic multi-anodes X -ray generators
P.Th.23	Charles Crespy *CEA/CESTA (France)*	Dynamic calibrations of Streak Cameras and Gated Framing Cameras for LMJ time resolved Plasma Diagnostics.
P.Th.24	Laurent Le Déroff *CEA/CESTA (France)*	On target multi beams power shot pointing performance experiment on LMJ
P.Th.25	Bastien Derruau *CEA/CESTA (France)*	Relative cross-calibration of the SAFT and the Near Backscatter Imager on LMJ for the measurement of Stimulated Brillouin Scattering
P. Tu.26	Charles Reverdin *CEA/DIF (France)*	Integrated reflectivity measurements of cylindrical crystals used in x-ray crystal spectrometers of LMJ
P.Th.27	Marc Olivier Frégeau *CEA/DIF (France)*	Design and simulation of a high acceptance electron-positron magnetic spectrometer for PETAL/LMJ
P.Th.28	Baptiste Leprovost *CEA/DIF (France)*	Luminescent concentrators as reflectivity source for emissivity measurement in WDM regime
P.Th.29	Stéphane Darbon *CEA/DIF (France)*	Radiation Detection and Dosimetry with Silica-Based Optical Fibers
P.Th.30	Benjamin Vauzour *CEA/DIF (France)*	HRXS – a new High Resolution X-ray Spectrometer for LMJ
P.Th.31	Pierre Gruning *CEA/DIF (France)*	DP21: an enhanced time-resolved broadband X-ray spectrometer
P.Th.32	Haibo Huang *General Atomics (USA)*	General Atomics Excalibur facility for cold opacity and crystal calibration
P.Th.33	Warren Garbett *AWE (UK)*	Simulation of a NIF Polar Direct Drive implosion platform for Neutron Capture cross-section measurements
P.Th.34	Justin Jeet	Diagnosing burning plasmas at the National Ignition Facility via reaction-

	LLNL (USA)	in-flight deuterium-tritium fusion neutron spectral measurements
P.Th.35	Michael Mangan *SNL (USA)*	Neutron Imaging at the Sandia National Laboratories Z-Facility: Current and Future
P.Th.36	Mark Kimmel *SNL (USA)*	Modernization of the Chaco Laser at the Z-Backlighter Laser Facility
P.Th.37	Yuri Chivel *MerPhotonics (France)*	New approach in inertial laser fusion
P.Th.38	Xavier Ribeyre *CEA/CESTA (France)*	Toward inertial fusion energy with lasers and reactor design
P.Th.39	Akifumi Iwamoto *ILE (Japan)*	Dependence of tritium breeding ability on mixing ratio of neutron multiplier to breeding material
P.Th.40	Thomas Mehlhorn *HB11 (Australia)*	Development of quasi-aneutronic reactor concepts using alternate fuel cycles
P.Th.41	Hugo Chesneau *GenF (France)*	Inertial fusion reactor system modelling: precursor to a digital twin
P.Th.42	Atsushi Sunahara *Blue Laser Fusion (USA)*	Novel high-power and high-efficiency OEC laser-based high-gain shock ignition IFE reactor
P.Th.43	Eduard Klett *Heraeus Quarzglas (Germany)*	Optimizing fused silica for commercial fusion energy applications
P.Th.44	Rodrigo Romero *Osaka U. (Japan)*	Simulation of Liquid First Wall Thermodynamics for Fast Ignition Reactors
P.Th.45	Tammy Ma *LLNL (USA)*	Status and Update on Public-Sector Inertial Fusion Energy (IFE) Efforts in the U.S.

15:30-16 :00 **Coffee break** Salons Agnès Sorel

Oral session <u>Inertial Fusion Science</u>

Auditorium Ronsard

chair: Olivier Poujade (CEA/DIF, France)

16:30	O.Th.A.9	William Riedel *LLNL (USA)*	Magnetic Collimation of Relativistic Electron Beams through Resistivity Gradients
16:50	O.Th.A.10	Remi Capdessus *CEA/DIF (France)*	Influence of Collisional Effects on Ion-Acoustic Wave Properties in Non-Maxwellian Laser-Heated Plasmas
17:10	O.Th.A.11	Damyn Chipman *LANL (USA)*	Improvements to Inverse Bremsstrahlung Absorption Models for Indirect Drive Inertial Confinement Fusion Simulations

Oral session <u>Diagnostics IV & IFE reactors II</u>

Auditorium Descartes

Chair : Xavier Ribeyre (CEA/CESTA, France)

16:30	O.Th.B.9	Régis Bisson *PIIM (France)*	Fusion plasma - materials interactions simulated with ion and molecular beams experiments
16:50	O.Th.B.10	Lucien Lehmann *CEA/DIF (France)*	EOS pack at the LMJ: Instrument overview and probe laser upgrade,
17:10	O.Th.B.11	Shahab Khan *LLNL (USA)*	Interpreting Time-resolved X-ray Data on Igniting Fusion Experiments

Oral session <u>Secondary Sources III & Laboratory astrophysics I</u>

Room Courteline

chair: Carolyn Kuranz (Michigan U., USA)

16:30	O.Th.C.9	Lucas Ribotte *CEA/DIF (France)*	Ultra-intense neutron source generation from double-layer convertors driven by the PETAL laser
16:50	O.Th.C.10	Diego Oportus *LULI (France)*	Laboratory Magnetized Radiative Shocks: Properties and Interaction with Foam Obstacle
17:10	O.Th.C.11	Gabriel Rigon *LULI (France)*	Study of the impact of the interstellar medium on the morphology of Supernova remnant from astrophysics to the laboratory

18:50-22:30 **Conference dinner**

Friday, September 19, 2025

08:00 **Luggage storage** LOC office

Plenary lectures IV

Auditorium Ronsard
chair: Greg Rochau (SNL, USA)

08:30	OP.Fr.A.1	Kyle Peterson *SNL (USA)*	Pulsed power ICF driver science, technology and development efforts on the path towards high yield fusion
09:00	OP.Fr.A.2	Chris Jennings *SNL (USA)*	Pulsed power driven preheat using a cryogenic Ice fiber for MagLiF experiments on Z
09:30	OP.Fr.A.3	Adam Harvey-Thompson *SNL (USA)*	Progress, challenges, and plans for the MagLIF platform on Z
10:00	OP.Fr.A.4	Michael Rosenberg *SNL (USA)*	Approaching hydro-equivalent inertial confinement fusion ignition in OMEGA direct-drive cryogenic implosions

10:30 **Coffee break** Salons Agnès Sorel

Oral session Alternative laser-driven approaches II

Auditorium Ronsard
chair: Tomoyuki Johzaki (Hiroshima U., Japan)

11:00	O.Fr.A.1	Daniel Rivas *Marvel Fusion (Germany)*	Experimental evaluation of a 10-PW-driven Nano Accelerator for IFE
11:20	O.Fr.A.2	Xiao Su *Shanghai Jiao Tong U. (China)*	Demonstration of Fast Heating Performance in Double-Cone Ignition Scheme via Fusion-neutron Detection
11:40	O.Fr.A.3	Igor Morozov *HB11 Energy (Australia)*	1D hydrodynamics study on proton-driven fast ignition laser fusion with p11B fuel
12:00	O.Fr.A.4	Shinsuke Fujioka *ILE (Japan)*	Development of Liquid Deuterium Filled Solid Sphere for Fast Ignition Inertial Fusion Energy Research

Oral session Target Design II

Auditorium Descartes
chair: Stéphane Laffite (CEA/DIF, France)

11:00	O.Fr.B.1	Shailaja Humane *Michigan U. (USA)*	Tuning inertial confinement fusion designs using Bayesian optimization
11:20	O.Fr.B.2	Denise Hinkel *LLNL (USA)*	Laser Indirect Drive Designs at 10 MJ of Incident Energy
11:40	O.Fr.B.3	Chris Weber *LLNL (USA)*	High yield design options for a next-generation ICF facility

Oral session Z-pinch physics

Room Courteline
chair: Alex Zylstra (Pacific Fusion, USA)

11:00	O.Fr.C.1	Matthew Gomez *SNL (USA)*	Demonstrating dual current paths as a method to preheat and implode a magneto-inertial fusion target
11:20	O.Fr.C.2	Nikita Chaturvedi *Imperial College (UK)*	Electrothermal instability growth in Magnetised Liner Inertial Fusion (MagLIF) liners

11:40	O.Fr.C.3	Alex Sarracino *SNL (USA)*	Improved Machine-Target Coupling Through Tailored Electrode Coatings
12:00	O.Fr.C.4	Jeremy Chittenden *Imperial College (UK)*	Simulations of electrothermal instabilities in wires, foils and liners of relevance to magneto-inertial fusion

12:30-13:00 **Closing ceremony**

Auditorium Ronsard
chair: Alexis Casner (CEA/DIF, France)