

IS-OM10



Lyon

July 6th - 10th 2026

10th International Symposium on Optical Materials



PROGRAM

schedule	Monday 06/07/26
8:00 - 10:30	Registration
10:30 - 11:00	Opening & tribute to Pr. G. Boulon
Chair: C. Dujardin	
11:00 - 11:40	Plenary A. Meijerink
11:40 - 12:10	Keynote G. Panczer
12:10 - 12:25	Invited A. Chemin
12:25 - 14:00	Lunch (1:35)
Non Linear Optic Chair: D. Amans	
14:00 - 14:30	Keynote B. Boulanger
14:30 - 14:45	Invited T. Yasui
14:45 - 15:00	Invited E. Benichou
15:00 - 15:15	Oral Y. Kataoka
15:15 - 15:30	Oral S. Anghel
15:30 - 16:00	Coffee break (0:30)
Up converting nanoparticles Chair: G. Ledoux	
16:00 - 16:30	Keynote F. Vetrone
16:30 - 16:45	Invited R. Balda
16:45 - 17:00	Invited A. Lauria
17:00 - 17:15	Oral V. Basina
17:15 - 17:30	Oral Y. Akabe
17:30 - 17:45	Oral A. Babu
17:45 - 18:15	Keynote D. Jaque
18:15 - 19:45	Welcome Cocktail

schedule	Tuesday 07/07/26
Chair: A. Meijerink	
9:00 - 9:40	Plenary P. Goldner
9:40 - 10:10	Keynote P. Dorenbos
Rare earth-organic complexes	
10:10 - 10:25	Invited O. Maury
10:25 - 10:40	Invited D. Serrano
10:40 - 11:00	Coffee break (0:20)
Optical properties of composite materials Chair: P. Goldner	
11:00 - 11:30	Keynote J. Cybinska
11:30 - 11:45	Invited S. Parola
11:45 - 12:00	Invited L. Bausa
12:00 - 12:15	Invited K. Vynck
12:15 - 12:30	Invited M. Koga
12:30 - 12:45	Invited L. Kulyuk
12:45 - 14:00	Lunch (1:15)
Laser Chair: T. Taira	
14:00 - 14:30	Keynote 30mins J. Ballato
14:30 - 14:45	Invited L. Bigot
14:45 - 15:00	Invited J. Bellessa
15:00 - 15:15	Invited S. Guy
15:15 - 15:30	Oral F. Cassouret
15:30 - 16:00	Coffee break (0:30)
LED and Phosphors Chair: Y. Guyot	
16:00 - 16:30	Keynote D. Boyer
16:30 - 16:45	Invited N. Chikumoto
16:45 - 17:00	Invited L. Andrade
17:00 - 17:15	Oral S. Hraiech
17:15 - 17:30	Oral A. Garbout
17:30 - 17:45	IS-OM Photo shoot
17:45 - 19:45	Poster Session Aperitif and drinks

schedule		Wednesday 08/07/26	
Chair: L. Petit			
9:00 - 9:40	Plenary D. A. Pawlak		
Scintillators I			
9:40 - 10:10	Keynote C. Dujardin		
10:10 - 10:25	Invited M. Niki		
10:25 - 10:40	Invited A. L. Bulin		
10:40 - 10:50	UM-OPTICS Sponsor S. Zhang		
10:50 - 11:15	Coffee break (0:25)		
Amphiteater ENSIB		Amphiteater DEPERET	
Luminescence (Inorganic) Chair: P. Dorenbos		Scintillators II Chair: M. Niki	
11:15 - 11:30	Invited N. Olier	11:15 - 11:30	Invited Y. Wu
11:30 - 11:45	Invited J. Fernandez	11:30 - 11:45	Invited K. Kamada
11:45 - 12:00	Oral K. Prokop	11:45 - 12:00	Invited M. Yoshino
12:00 - 12:15	Oral M. Gaft	12:00 - 12:15	Invited M. Empizo
12:15 - 12:30	Oral Y. Kanemitsu	12:15 - 12:30	Oral H. Suezumi
12:30 - 12:45	Oral J. Pawlow	12:30 - 12:45	Oral V. Jakes
12:45 - 14:00	Lunch (1:15)		
Amphiteater ENSIB		Amphiteater DEPERET	
Synthesis and Luminescence of Nanoparticles Chair: L. Carlos		Sintillators III Chair: A. L. Bulin	
14:00 - 14:15	Invited W. Blanc	14:00 - 14:15	Invited V. Jary
14:15 - 14:30	Invited A. Potdevin	14:15 - 14:30	Invited R. Yukawa
14:30 - 14:45	Invited E. Mihokova	14:30 - 14:45	Invited A. Bessiere
14:45 - 15:00	Oral J. Barta	14:45 - 15:00	Oral Y. Yokota
15:00 - 15:15	Oral F. Garcia	15:00 - 15:15	Oral M. Kitaura
15:15 - 15:30	Oral J. Beaurain	15:15 - 15:30	Oral V. Pankratov
15:30 - 15:45	Coffee break (0:15)		
Thin films Chair: D. Boyer		Crystal growth Chair: D. A. Pawlak	
15:45 - 16:00	Invited V. Martinez	15:45 - 16:00	Invited R. Murakami
16:00 - 16:15	Oral R. Kroon	16:00 - 16:15	Invited K. Lebbou
16:15 - 16:30	Oral L. Scalvi	16:15 - 16:30	Invited A. Jouini
16:30 - 16:45	Oral Hebbrecht	16:30 - 16:45	Oral F. Mokhtari
16:45 - 17:00	Oral F. Scotognella	16:45 - 17:00	Oral N. Pruneau
17:00 - 17:15	Coffee break (0:15)		
Luminescence (Organic) Chair: D. Serrano		Fluorides for optica Chair: A. Yoshikawa	
17:15 - 17:30	Invited V. Nazabal	17:15 - 17:30	Invited N. Sarukura
17:30 - 17:45	Oral D. Frath	17:30 - 17:45	Invited H. Sato
17:45 - 18:00	Oral C. Brites	17:45 - 18:00	Invited T. Shimizu

schedule	Thursday 09/07/26
Chair: F. Vetrone	
9:00 - 9:40	Plenary T. Fukuda
Persistent Luminescence	
9:40 - 10:10	Keynote L. Petit
10:10 - 10:25	Invited B. Viana
10:25 - 10:40	Invited R. Ferreira
10:40 - 11:00	Coffee break (0:15)
Sensors Chair: J. Cybinska	
11:00 - 11:30	Keynote L. Carlos
11:30 - 11:45	Invited A. Jusza
11:45 - 12:00	Invited M. Cadatal-Raduban
12:00 - 12:15	Invited P. Gazinska
12:15 - 12:30	Oral P. Plekos
12:30 - 13:45	Lunch (1:15)
Georges Boulon Testimony from around the world	
13:45 - 14:00	MF. Joubert (France)
14:00 - 14:15	L. Hu (China)
14:15 - 14:30	M. Popova (Russia)
14:30 - 14:45	J. Garcia-Sole (Spain)
14:45 - 15:00	M. Bettinelli (Italy)
15:00 - 15:15	A. Srivastava (USA)
15:15 - 15:30	O. Malta (Brazil)
15:30 - 15:45	A. Yoshikawa (Japan)
15:45 - 16:00	M. Guzik (Poland)
16:00 - 18:00	Free time. Meet at the pier to take the boat, downtown at 18:00
18:00 - 24:00	Gala Dinner

schedule	Friday 10/07/26
Transparent Ceramics I Chair: M. Guzik	
9:00 - 9:30	Keynote L. Esposito
9:30 - 9:45	Invited G. Toci
9:45 - 10:00	Invited R. Boulesteix
10:00 - 10:15	Invited K. Rubesova
Transparent Ceramics II Chair: L. Esposito	
10:15 - 10:30	Coffee break (0:15)
10:30 - 11:00	Keynote T. Taira
11:00 - 11:15	Invited J. Hostasa
11:15 - 11:30	Invited J. Li
11:30 - 11:45	Oral S. Le Floch
11:45 - 11:55	Coffee break (0:10)
11:55 - 12:30	G. Boulon Awards & Closing Conference
12:30 - 13:30	Lunch box (1:00)
13:30 - 19:00	Excursion

Welcome

Dear Colleagues and Friends,

On behalf of the Organizing Committee, we are pleased to announce that the 10th International Symposium on Optical Materials (IS-OM10), will be held in Lyon (France) from July 6th to 10th, 2026.

IS-OM provides an interdisciplinary forum for the presentation of the latest developments and breakthroughs in fundamental research and practical applications in the broad field of optical and optoelectronic materials, including material design and crystal growth technologies, structural and spectroscopic characterizations, and application-related issues.

IS-OM10 will continue the tradition established by the previous meetings headed by Prof. Tsuguo FUKUDA (IMR, Tohoku University, Sendai, Japan) and Prof. Georges BOULON (LPCML now ILM, UCBLyon1, France) in Singapore (1997), Lyon, France (2000), Keystone, USA (2003), Prague, Czech Republic (2006), Pisa, Italy (2009), Shanghai, China (2013), Lyon, France (2016), Wroclaw, Poland (2019), Tarragona, Spain (2023) and Lyon, France (2026).

This 10th edition holds special significance as we would like to pay tribute to the late Professor Georges BOULON, who passed away on November 17th, 2024. Georges was a caring person and a committed, tireless leader in the field of luminescence and optical materials. He brought these two communities together at various international scientific events and gained recognition far beyond Europe. Many of his colleagues, students, and friends expressed the desire to honor his memory. We are thus, taking this opportunity during the 10th anniversary edition of ISOM, a conference he co-founded 30 years ago, to express our consideration to his scientific contribution and our gratitude to his devotion to our community.



The symposium will be organized by the Institute for Light and Matter (ILM-CNRS), University Claude Bernard Lyon1, the 161 Committee of Japan Society for the Promotion of Science (JSPS), and the Institute for Materials Research (IMR), Tohoku University, Sendai, Japan. It will be held at the ENSSIB Building, close to the “Parc de la Tête d’Or”, on the DOUA campus UCBLyon1 in Lyon.

In addition to the scientific activity, we have organized some social events to enjoy being together in a friendly atmosphere in the charming city of Lyon. We hope you make the most of these moments and take full advantage of the scientific sessions and networking opportunities the symposium offers.

We look forward to welcoming you at the IS-OM10 in Lyon!
Yours faithfully,

Chairpersons
Dr. Amina BENSALAH-LEDoux
Prof. Akira YOSHIKAWA

Committees

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Akira YOSHIKAWA, Tohoku University, Japan

Scientific Secretary

Małgorzata GUZIK, University of Wrocław & Łukasiewicz-PORT, Poland
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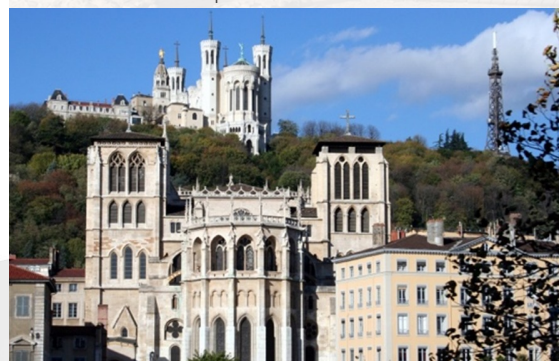
Hiroshi FUJIOKA, University of Tokyo
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Nobuhiko SARUKURA, Osaka University
Masashi YOSHIMURA, Osaka University

Other countries

Luís Humberto ANDRADE, Mato Grosso do Sul State University, Brasil
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Łukasz MARCINIAK, ILTSR, PAS, Poland
Jan PECHAL, Czech Academy of Science, Czech Republic
Fiorenzo VETRONE, INRS: Laval, Québec, Canada



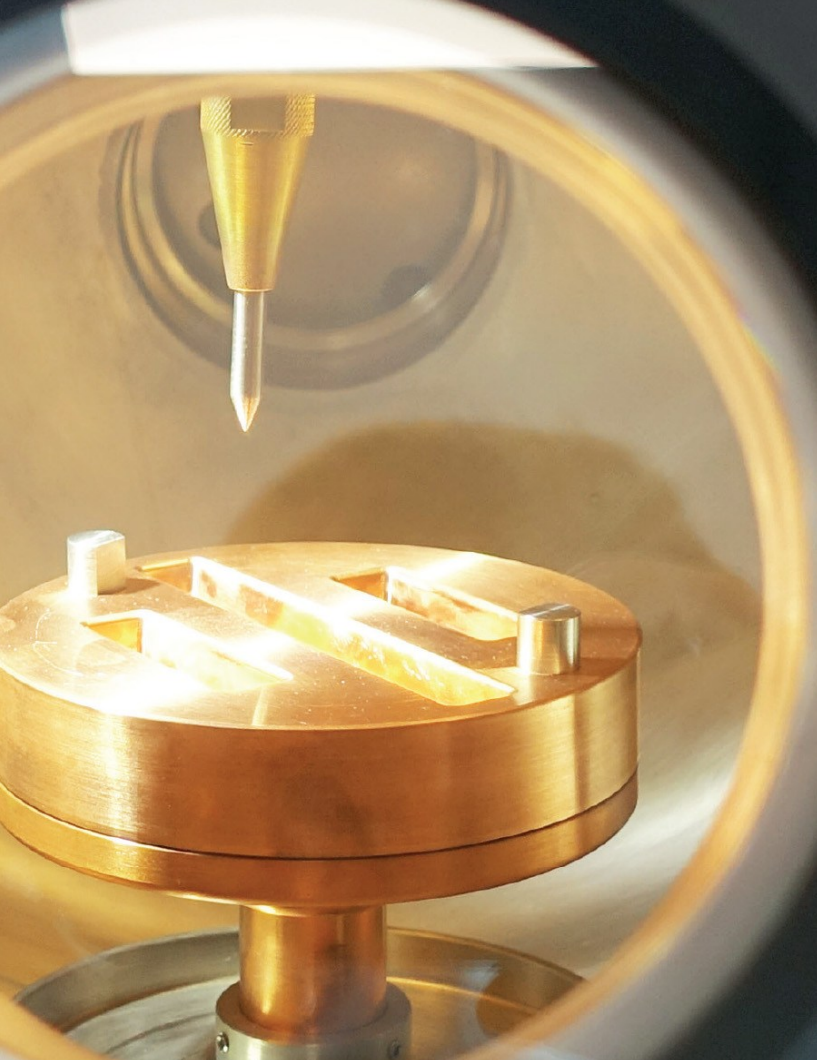
Roman amphitheater - Fourvière hill



Fourvière Basilica and Saint-Jean Cathedral



Bellecour place and statue of Louis XIV



CRYSTAL GROWTH SOLUTIONS

Empowering
Next-Generation
Materials



PROVEN TECHNOLOGIES

Czochralski
Kyropoulos
Bridgman
Arc
Mirror
Laser



MATERIALS & COMPOUNDS

Sapphire
Silicon
SiC
Ruby
YAG
Diamond



LONG-STANDING EXPERIENCE

Technological
heritage from
Cyberstar
specialized
in Crystal Growth
pulling heads



CUSTOMIZED SOLUTIONS

Process
development,

Support from
R&D to industrial
production



FURUYA METAL

Bonjour !

Furuya Metal has been contributing to the crystal growth society for decades with its core products, Iridium and Platinum crucibles, washers, pins, wires, coatings and recycling of those.

As the supplies of the materials from the mining are limited, Furuya Metal has invested a lot for recycling technology and capacity, and it has come to possess a huge capacity of recycling, realizing very fast turn around time, which is very important also for our customers to minimize the financial costs to hold expensive materials.

Please come by to see us at our booth to discuss longer life, shorter lead time, better recovery, etc.

We are also open to collaborative research on products in new applications and environments.

Wish you all a productive conference here.

Merci !

Furuya Metal Co., Ltd. Website: www.furuyametals.co.jp/english/index.html

Contact : Takuya Nakamura Email : nakamura@furuya-ma.com

Abstracts book



<https://media.univ-lyon1.fr/2026/is-om/is-om10-abstracts.pdf>



Program

Amphitheater ENSSIB



Monday 6th

8:00	Registration
10:30	Opening & Tribute to Prof. Georges Boulon
Chair: C. Dujardin	
11:00	Working together in Luminescence Andries Meijerink
11:40	Photoluminescence an effective method for the non-invasive analysis of gemstones of cultural heritage masterpieces Gérard Panczer
12:10	The role of interfaces in photoexcitation and charge transfer in diamond Arsène Chemin
12:25	Lunch
Non-linear optics Chair: D. Amans	
14:00	New contributions to the modeling of spontaneous parametric down-conversion in phase-matched crystals Benoit Boulanger
14:30	All-photonic terahertz detection using microcomb-referenced dual optical carriers for low-noise w-band wireless reception Takeshi Yasui
14:45	Probing the organization of liquids by second harmonic generation Emmanuel Benichou
15:00	Thermal treatment conditions for formation of scattering centers in CsLiB₆O₁₀ crystals Yoshihiro Kataoka
15:15	Electrical control of persistent spin helix orientation in dual-gated GaAs quantum wells Sergiu Anghel
15:30	Coffee break
Up-converting nanoparticles Chair: G. Ledoux	
16:00	A symphony of photons: upconversion and downshifting luminescence in theranostic platforms based on rare earth doped nanoparticles Fiorenzo Vetrone
16:30	Nanostructured oxyfluoride glass-ceramic fibers for enhanced upconversion Rolindes Balda
16:45	Decoupling structural stabilization and luminescence: a strategy for monitoring RE-dopant distribution in HfO₂ nanoparticles Alessandro Lauria
17:00	Effect of La substitution on the blue upconversion luminescence of Gd₂Zr₂O₇:Tm³⁺/Yb³⁺ pyrochlore phosphors Veera Naveen Kumar Basina
17:15	Dual-wavelength excited upconversion in rare-earth-doped CaF₂ for low-cost NIR-to-MIR infrared detection Yugo Akabe
17:30	How to synthesize highly efficient red emitting small YVO₄:Eu³⁺ nanocrystals? Arjun Babu
17:45	NIR-emitting nanoparticles provide implants new functionalities Daniel Jaque Garcia
18:15	Welcome Cocktail

Tuesday 7th

Chair: A. Meijerink

9:00 Rare earth doped crystals for integrated quantum photonics
Philippe Goldner

9:40 Experimental and computational Bi^{4+/3+} charge transition level energies relative to the vacuum level
Pieter Dorenbos

Rare earth-organic complexes

10:10 Unusual circularly polarized luminescence applications of f-elements
Olivier Maury

10:25 Robust optical coherence in a chemically tunable Eu(III) molecular crystal
Diana Serrano

10:40 Coffee break

Optical properties of composite materials

Chair: P. Goldner

11:00 What is essential is invisible to the eye – functional materials for chemical sensing
Joanna Cybinska

11:30 Tuning the plasmonic properties of gold nanoparticles: single particles, assemblies and plasmonic glasses
Stéphane Parola

11:45 Nanoscale strain engineering of optical properties in monolayer MoS₂ via nanoparticle chains
Luisa Bausa

12:00 Disordered nanostructures for visual appearance design
Kevin Vynck

12:15 Index measurement of transparent materials and Sellmeier dispersion of sugar solution
Mayuko Koga

12:30 Radiative decay kinetics of bound exciton states in bulk MoSe₂ crystals intercalated with I₂ molecules
Leonid Kulyuk

12:45 Lunch Break

Laser

Chair: T. Taira

14:00 Getting both more - and less - from your rare-earth dopants
John Ballato

14:30 On the near infrared properties of bismuth-doped fibers
Laurent Bigot

14:45 Confined tamm laser diodes
Joel Bellessa

15:00 Chirowaveguide and circularly polarized evanescent waves: achievement and perspectives
Stephan Guy

15:15 Room temperature bonding and properties of Cr:LiSAF and sapphire composite materials
Florent Cassouret

15:30 Coffee break

Tuesday 7th

LED and Phosphors

Chair: Y. Guyot

16:00	Hf-free solid-state synthesis of $K_2SiF_6:Mn^{4+}$ for high-performance red-emitting phosphors in white LEDs Damien Boyer
16:30	Process-induced carbon contamination and its suppression in composite ceramic phosphors for high-efficiency laser lighting Noriko Chikumoto
16:45	High luminescence quantum efficiency of Yb^{2+}/CN^- co-doped potassium chloride crystals applied as white light-emitting phosphor Luis Andrade
17:00	Down-shifting in Ce^{3+}- Tb^{3+} co-doped phosphate glasses for solar cells application Sana Hraiech
17:15	Dy^{3+}-activated $Ln_2Ti_2O_7$ ($Ln=Gd, Yb$) pyrochlores: structural and photoluminescence insights for white light emission Ahlem Garbout
17:30	IS-OM Photo shoot
17:45	Poster Session Aperitif and drinks

Wednesday 8th

Chair: L. Petit

9:00	Enabling materials – optical and functional composites Dorota Anna Pawlak
Scintillators I	
9:40	Nanoporous scintillating aerogel for radioactive gas detection Christophe Dujardin
10:10	Heavy garnet scintillators: the milestones of the 26 years long R&D pathway Martin Nikl
10:25	Nanoscintillators as next generation radiotherapeutics to expand the therapeutic window Anne-Laure Bulin
10:40	Preparation and characterization of high-precision DUV CaF_2 crystal components Susu Zhang
10:50	Coffee break

Wednesday 8th

Amphitheater ENSSIB

Luminescence (Inorganic) Chair: P. Dorenbos

- | | |
|-------|---|
| 11:15 | Sb³⁺ luminescence properties in soda-lime glasses
Nadège Ollier |
| 11:30 | Probing excitonic energy transfer in Bi- and/or Eu-doped GdVO₄ by ultrafast spectroscopy
Joaquín Fernandez |
| 11:45 | Phase-dependent spectroscopic properties of the Nd³⁺ ion in nano- and micro-crystalline BiPO₄ hosts
Kacper Prokop |
| 12:00 | Luminescence of S²⁻ in the mineral baryte, BaSO₄
Michael Gaft |
| 12:15 | Single quantum-dot spectroscopy of halide perovskite nanocrystals
Yoshihiko Kanemitsu |
| 12:30 | Thermochromic-luminescent hybrid materials based on polydiacetylene and lanthanides for optical temperature sensing
Jakub Pawlow |
| 12:45 | Lunch Break |

Synthesis and Luminescence of Nanoparticles Chair: L. Carlos

- | | |
|-------|---|
| 14:00 | Glass waveguides functionalized at the nanoscale
Wilfried Blanc |
| 14:15 | Efficient strategies for producing Cr⁴⁺-Doped YAG nanoparticles
Audrey Potdevin |
| 14:30 | Cesium lead halide nanocomposite scintillators for radiation detection
Eva Mihokova |
| 14:45 | Scintillating composites of nanocrystalline garnets and polystyrene
Jan Barta |
| 15:00 | Sol-gel derived luminescent Eu³⁺-Doped YVO₄ powders and coatings
Fernanda Garcia de la Cruz |
| 15:15 | Upconverting doped oxysulfide photocatalyst for the production of hydrogen via water splitting
Janyce Beaurain |
| 15:30 | Coffee break |

Wednesday 8th

Amphitheater DEPERET

Scintillators II

Chair: M. Nikl

- | | |
|-------|--|
| 11:15 | Low-dimensional halides scintillators: challenges and opportunities
Yuntao Wu |
| 11:30 | Development of optical-guiding crystal scintillators with ultrafine cores for high-resolution x-ray imaging
Kei Kamada |
| 11:45 | Development of halide scintillator materials for radiation particle identification based on emission wavelength information
Masao Yoshino |
| 12:00 | Analyzing praseodymium energy levels in scintillating fluoride and oxide glasses
Melvin John Empizo |
| 12:15 | Compositional engineering toward Ce⁴⁺ dominance in Y₃(Al,Ga)₅O₁₂:Ce,Mg single-crystal scintillators
Hisato Suezumi |
| 12:30 | OFZ growth of LuHfO:Ce single crystals
Vit Jakes |

12:45 **Lunch Break**

Scintillators III

Chair: A. L. Bulin

- | | |
|-------|---|
| 14:00 | From powder to bulk single crystals: unlocking rare-earth binary sulfides for scintillation and laser applications
Vitezslav Jary |
| 14:15 | Electronic structure elucidation of oxide luminescent materials using synchrotron radiation
Ryu Yukawa |
| 14:30 | YPO₄:Ce nanoscintillators for a novel biological application : triggering biorthogonal photoclick reactions in vivo therapy
Aur lie Bessi re |
| 14:45 | Optical and scintillation properties of undoped and rare-earth doped Lu₃TaO₇ single crystals
Yui Yokota |
| 15:00 | Effect of Mg codoping on vacancy type defects in Y₃Al₂Ga₃O₁₂:Ce crystal studied by positron annihilation lifetime spectroscopy
Mamoru Kitaura |
| 15:15 | Optical spectroscopy and time-resolved luminescence of swift heavy-ion irradiated wide-bandgap scintillators
Vladimir Pankratov |

15:30 **Coffee break**

Wednesday 8th

Amphitheater ENSSIB

Thin films Chair: D. Boyer

- 15:45** **Amorphous thin films : the key to gravitationnal wave detection**
Valérie Martinez
- 16:00** **Pulsed laser ablated SnO₂:Eu thin films for luminescent transparent conducting oxides**
Robin Edward Kroon
- 16:15** **Electro-induced light emisson in heterostructures of transparent oxides and D- π -A quinoline derivatives**
Luis V. A. Scalvi
- 16:30** **Epitaxial rare earth doped oxide thin film on diamond**
Alexandre Hebbrecht
- 16:45** **Modulation of the optical response of vanadium dioxide in microcavities and metal/oxide stacks**
Francesco Scotognella

17:00 **Coffee break**

Luminescence (Organic) Chair: D. Serrano

- 17:15** **Infrared photonic sensors for water pollutants based on chalcogenide glass thin films**
Virginie Nazabal
- 17:30** **Boranil-based molecular switches for the development of chiroptical materials**
Denis Frath
- 17:45** **Magneto-photonic logic in a Dy³⁺ Single-molecule magnet**
Carlos Brites



Wednesday 8th

Amphitheater DEPERET

Crystal growth

Chair: D. A. Pawlak

- 15:45** **Ce:La-GPS scintillator: crystal structure, luminescence, and processing effects**
Rikito Murakami
- 16:00** **Sapphire: an exceptional crystal at the heart of tomorrow's technologies**
Kheirreddine Lebbou
- 16:15** **Shaping the Future of Crystal Growth : Innovation, Smart Technology and Sustainability by ECM Group**
Anis Jouini
- 16:30** **Predictive modeling and experimental assessment of bubble suppression in sapphire crystal growth**
Faiza Mokhtari
- 16:45** **Threshold for bubble incorporation growth rate in 250 mm diameter titanium doped sapphire single crystals**
Nicolas Pruneau

17:00 **Coffee break**

Fluorides for optics

Chair: A. Yoshikawa

- 17:15** **Various fluoride materials for optical applications**
Nobuhiko Sarukura
- 17:30** **Development of large and high-quality fluoride single crystals for UV-IR optical application**
Hiroki Sato
- 17:45** **Fluoride optical materials and lens systems for deep ultraviolet photonics**
Toshihiko Shimizu



Thursday 9th

Chair: F. Vetrone

9:00

Fluoride crystals for lithography applications
Tsuguo Fukuda

Persistent Luminescence

9:40

Development of biophotonic glass-based materials with persistent luminescence for in situ activation of photoswitchable drugs
Laurent Petit

10:10

Chromium doped materials; an old story towards new applications... focus on persistent luminescence
Bruno Viana

10:25

Dual emission phosphors with persistent luminescence for neutromorphic optical computing
Rute Ferreira

10:40

Coffee break

Sensors

Chair: J. Cybinska

11:00

Feeling the heat: super-resolved hyperspectral thermal mapping with upconversion nanoparticles and silver nanowire networks
Luis Carlos

11:30

Optical spectroscopic methods for detection of inorganic nutrients in water
Anna Jusza

11:45

Multilayer optical sensor for high-energy radiation detection
Marilou Cadatal-Raduban

12:00

Spatial multiplex immunofluorescence in head & neck tumours
Patrycja Gazinska

12:15

BODIPY-based fluorescent pH sensors: synthesis, properties and theoretical insights
Patrycja Piekos

12:30

Lunch Break

Georges Boulon Testimony from around the world

13:45

Thank you Georges
Marie France Joubert - France

14:00

The memory of cooperation on luminescent glasses between Prof. Boulon and SIOM
Lili Hu - China

14:15

Georges Boulon and Russian optical community
Marina N. Popova - Russia

14:30

Location and environnement of trivalent rare earth ions in lithium niobate crystals
José García Solé - Spain

14:45

Georges Boulon: a life devoted to luminescence
Marco Bettinelli - Italy

15:00

Remembering Georges Boulon: a personal and scientific reflection
Alok Srivastava - USA

15:15

A tribute to and memories with Georges Boulon, from Brazil
Oscar L. Malta - Brazil

15:30

Optical crystals: materials design, crystal growth from the melt, and structural and spectroscopic characterization
Akira Yoshikawa - Japan

15:45

Georges Boulon: an outstanding scientific mentor and an exceptional person , a tribute from Poland
Malgorzata Guzik - Poland

Gala dinner

18:00 **Boarding at '1 Quai des Célestins' Saône river**

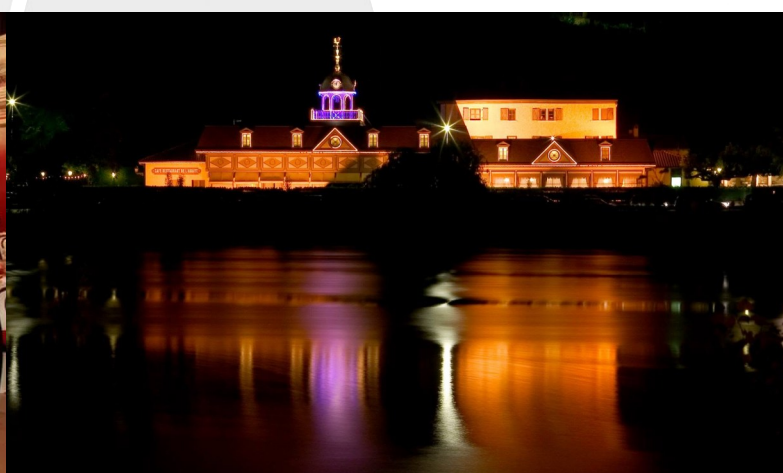
18:30 Boat departure towards 'Abbaye de Collonges'

19:15 Disembarkation at 'Abbaye de Collonges'

22:30 Boarding at 'Abbaye de Collonges'

23:15 **Return and disembarkation 'Quai des Célestins'**

Abbaye de Collonge - Paul Bocuse



Three miles (5km) outside the city of Lyon on the banks of the Saône river, this institution stands in all its splendor, offering you a unique opportunity to enjoy the best of French cuisine!



Paul Bocuse

Friday 10th

Transparent Ceramics I Chair: M. Guzik

- | | |
|-------|---|
| 9:00 | Evolution of laser ceramics: from homogeneous materials to multilayer and waveguide structures
Laura Esposito |
| 9:30 | Yb-doped ceramics for laser applications: from pioneering studies to high efficiency composite materials
Guido Toci |
| 9:45 | Elaboration of highly transparent rare-earth sesquioxide ceramics for laser applications
Rémy Boulesteix |
| 10:00 | Transparent lithium ceramics as a suitable matrix for thermal neutron detection
Katerina Rubesova |

10:15 **Coffee break**

Transparent Ceramics II Chair: L. Esposito

- | | |
|-------|---|
| 10:30 | Giant micro-photonics for tiny integrated lasers
Takunori Taira |
| 11:00 | Sintering of transparent Y₂O₃ ceramics for ir lasers
Jan Hostasa |
| 11:15 | Advanced TAG magneto-optical ceramics for high power faraday isolators
Jiang Li |
| 11:30 | Transparent nano-structured ceramics fabricated by high pressure spark plasma sintering
Sylvie Le Floch |

11:45 **Coffee Break**

11:55 **Georges Boulon Awards & Closing Conference**

- | | |
|-------|--------------------------|
| 12:30 | Lunch box |
| 13:30 | Excursion |
| 19:00 | Back to 'La Doua' |

Excursion to the 'Hameau Dubœuf'

The first oenology park in the Beaujolais. It's a fascinating visit through the world of winegrowing and winemaking with shows, attractions and wine tasting, an immersive music show experience!



Price: €50. On-site payment available, subject to remaining availability.

Notes

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Institute of Laser Engineering
The University of Osaka



Crystals for your future



Contact us

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