Monday, February 29	11:00-14:00	**REGISTRATION** **COCKTAIL**
	14:00-14:30	**OPENING CEREMONY**
		Section 1 - Crystal growth technologies (S5) **(Chair: A. Yoshikawa)**
	14:30-14:50	Invited talk I-1 **Edith Bourret**, ON THE CHALLENGES IN THE DEVELOPMENT OF MULTI-COMPONENT HALIDES SCINTILLATORS
	14:50-15:10	Invited talk I-2 **Matias Velazquez**, Philippe Veber, Gabriel Buse, Grégory Gadret, Olivier Plantevin, Philippe Goldner, Daniel Rytz, Mark Peltz, Emmanuel Véron, Rekia Belhoucif, Paul-Antoine Douissard, Thierry Martin, CRYSTAL GROWTH BETWEEN 1250°C AND 1100°C OF CUBIC RARE-EARTH SESQUIOXIDES BY THE FLUX METHOD
	15:10-15:30	Invited talk I-3 A. Nouri, G. Chichignoud, Y. Delannoy, F. Lissalde, **K. Zaïdat**, ADAPTATION OF THE KYROPOULOS PROCESS FOR SILICON PHOTOVOLTAIC APPLICATIONS
	15:30-15:45	Oral communication O-1 **Abdeldjelil Nehari**, Hugues Cabane, Marc Dumortier, Belkacem Boutahraoui, Maroua Allani, Jean-Jacques Boy, Xavier Vacheret, Kheirreddine Lebbou, PERFECT LGT ($La_3Ga_{5.5}Ta_{0.5}O_{14}$) LANGATATE BULK CRYSTALS GROWN ALONG Z-DIRECTION BY CZOCHRALSKI TECHNIQUE AND CHARACTERIZATION
	15:45-16:00	Oral communication O-2 **Abdelkrim Kheloufi**, Ema Bobocioiu, Fouad Kerkar, Aissa Kefaifi, Sabiha Anas, OPTICAL AND SPECTROSCOPIC CHARACTERIZATIONS OF ALGERIAN SILICA RAW MATERIAL TO PREDICT HIGH QUALITY SILCON SOLAR GRADE
	16:00-16:30	**COFFE BREAK**

		Section 2 - Crystal growth technologies (S5) **(Chair: M. Velazquez)**
	16:30-16:50	Invited talk I-4 **Akira Yoshikawa**, Kei Kamada, Shunsuke Kurosawa, Yuui Yokota, Yuji Ohashi, Yasuhiro Shoji, Valery I. Chani, Vladimir V. Kochurikhin, Martin Nikl, DESIGN OF NOVELSCINTILLATOR CRYSTALS AND THEIR CRYSTAL GROWTH TECHNOLOGIES
	16:50-17:10	Invited talk I-5 **Laurent Bigot**, Jean-Paul Yehouessi, Hicham El-Hamzaoui, Andy Cassez, Quentin Coulombier, Géraud Bouwmans, Olivier Vanvicq, Mohamed Bouazaoui, Marc Douay, Yves Quiquempois, ACTIVE AND PASSIVE SOLID-CORE PHOTONIC BANDGAP FOR HIGH POWER LASER APPLICATIONS
	17:10-17:30	Invited talk I-6 **Daniel Rytz**, MONOCLINIC DOUBLE TUNGSTATE KRE$(WO_4)_2$ WITH RE = Y, Gd, Tb, AND RELATED MATERIALS: CRYSTAL GROWTH AND FABRICATION CHALLENGES
	17:30-17:50	Invited talk I-7 **Pascal Loiseau**, Federico Khaled, Gerard Aka, Lucian Gheorghe, Flavius Voicu, Gabriela Salamu, Alexandru Achim, Nicolaie Pavel, NONLINEAR OPTICAL BORATES SUITABLE FOR CRYSTAL GROWTH BY CZOCHRALSKI METHOD FREQUENCY DOUBLING AND SELF-FREQUENCY DOUBLING IN THE VISIBLE RANGE
	17:50-18:10	Invited talk I-8 **Shingo Ono**, Masaki Tanemura, Kentaro Fukuda, Suyama Toshihisa, Takayuki Yanagida, Akira Yoshikawa, VACUUM ULTRAVIOLET LIGHT SOURCE AND PHOTODETECTOR BASED ON FULORIDES
	18:10-18:25	Oral communication O-3 **Aissa Keffous**, Mohand Arezki Ouadfel, Abdelhak Cheriet, Chafiaa Yaddaden, Mohamed Kechouane, Noureddine Gabouze, Youcef Belkacem, Bechi Dridi Rezgui, Assia Boukezzata, Lamia Talbi, SILICON CARBIDE THIN FILMS WITH DIFFERENT PROCESSING GROWTH AS AN ALTERNATIVE FOR ENERGETIC APPLICATION
	19:00	**PLANETARIUM**

Tuesday, March 1		**Section 3 – LED, Laser Diodes and phosphors (S3)** **(Chair: A. Di Lieto)**
	9:00 – 9:20	Invited talk I-9 Mariusz Stefański, Robert Tomala, Łukasz Marciniak, Michał Dusza, Wiesław Stręk, **Dariusz Hreniak**, CHARACTERIZATION AND POTENTIAL OPTICAL APPLICATIONS OF Sr_2CeO_4 DOPED WITH RARE-EARTH IONS
	9:20-9:35	Oral communication O-4 **Damien Boyer**, Geneviève Chadeyron, Pierre Vialat, Rachod Boonsin, Rachid Mahiou, DEVELOPMENT OF PHOSPHORS FOR WHITE LIGHT EMITTING DIODES
	9:35-9:50	Oral communication O-5 **Heleen F. Sijbom**, Lisa I.D.J. Martin, Dirk Poelman, Philippe F. Smet, RED FLUORIDE PHOSPHORS FOR REMOTE PHOSPHOR LED APPLICATIONS
	9:50-10:30	**COFFE BREAK**
		Section 4 - Scintillators (S4) **(Chair: M. Nikl)**
	10:30-10:50	Invited talk I-10 **Yuui Yokota**, Shunsuke Kurosawa, Yuji Ohashi, Kei Kamada, Akira Yoshikawa, GROWTH AND SCINTILLATION PROPERTIES OF HALIDE SCINTILLATOR SINGLE CRYSTALS GROWTH BY MODIFIED MICRO-PULLING-DOWN METHOD
	10:50-11:10	Invited talk I-11 **Jiri A. Mares**, Shuping Liu, Yubai Pan, Martin Nikl, SINGLE CRYSTAL AND CERAMIC (Lu,Y) ALUMINUM GARNET MATERIALS: COMPARATIVE STUDIES OF THEIR SCINTILLATION PROPERTIES
	11:10-11:25	Oral communication O-6 **Hiroaki Yamaguchi**, Kei Kamada, Shunsuke Kurosawa, Jan Pejchal, Yasuhiro Shoji, Yuui Yokota, Yuji Ohashi, Akira Yoshikawa, CO-DOPING EFFECTS ON LUMINESCENCE AND SCINTILLATION PROPERTIES OF Ce DOPED $Lu_3(Ga,Al)_5O_{12}$ SCINTILLATOR
	11:25-11:40	Oral communication O-7 **Yuriy Zorenko**, SCINTILLATING SCREENS BASED ON THE LPE GROWN $Tb_3Al_5O_{12}$:Ce SINGLE CRYSTALLINE FILMS

	11:40-11:55	Oral communication O-8 **Olesia Voloshyna**, Oleg Sidletskyi, Dmitry Spassky, Yaroslav Gerasimov, Alexey Ivanov, Tatyana Gorbacheva, Andrey Belsky, ULTRAHEAVY AND FAST SCINTILLATORS: YTTRIUM AND GADOLINIUM TANTALO-NIOBATES
	11:55-12:10	Oral communication O-9 **Kei Kamada**, Yasuhiro Shoji , Vladimir V. Kochurikhin Aya Nagura, Satoshi Okumura, Seiichi. Yamamoto, Jung Yeol Yeom, Shunsuke Kurosawa, Jan Pejchal, Yuui Yokota,Yuji Ohashi, Martin Nikl, Akira Yoshikawa, LARGE SIZE CZOCHRALSKI GROWTH AND SCINTILLATION PROPERTIES OF Li^{+} CO-DOPED Ce:$Gd_3Ga_3Al_2O_{12}$ SINGLE CRYSTALS
	12:10-14:00	**LUNCH**
		Section 5 - Solid state lasers and laser materials (S1) **(Chair: A. Brenier)**
	14:00-14:20	Invited talk I-12 **Takunori Taira**, LASER IGNITIONS FOR ENERGY SOLUTION
	14:20-14:40	Invited talk I-13 **Renata Reisfeld,** THE WAYS OF INTENSIFYING LUMINESCENCE OF LANTHANIDES, THEORY AND APPLICATION
	14:40-15:00	I-14 **Witold Ryba-Romanowski**, GROWTH AND SPECTROSCOPIC CHARACTERIZATION $Gd_3(Al,Ga)_5O_{12}$ CRYSTALS DOPED WITH RARE EARTH IONS
	15:00-15:15	Oral communication O-10 **Antonio Da Silva**, Gilles Chériaux, Davide Boschetto, Ti: SAPPHIRE ABSORPTION CROSS-SECTION AND REFRACTIVE INDEX: A THEORETICAL APPROACH; LASER WITHOUT INVERSION: AND EXPERIMENT
	15:15-15:30	Oral communication O-11 **Y. Petit**, W. Gebremichael, I. Manek-Hönninger, M. Velasquez, V. Jubéra, A. Garcia, P. Veber, F. Belhoucif, A. Fargues, F. Adamietz, V. Rodriguez, B. Boulanger, P. Segonds, ANISOTROPY DESCIPTION OF RARE EARTH TRANSITIONS IN Yb^{3+} OR Eu^{3+} DOPED MONOCLINIC BORATE CRYSTALS FOR LASER OR SCINTILLATION APPLICATIONS: METROLOGY AND METHODOLOGY

	15:30-15:45	Oral communication O-12 **Guillaume Alombert-Goget**, Florian Trichard, Cyril Pezzani, Maud Silvestre, Nicolas Barthalay, Vincent Motto-Ros, Kheirreddine Lebbou, LARGE Ti-DOPED SAPPHIRE GROWN BY KYROPOULOS TECHNIQUE FOR ULTRA INTENSE LASER APPLICATION
	15:45-16:00	Oral communication O-13 **Wenbin Xu**, Shikai Wang, Chunlei Yu, Meng Wang, Suya Feng, Lei Zhang, Qinling Zhou, Danping Chen, Lili Hu, STUDIES ON LOW REFRACTIVE INDEX Yb^{3+}-DOPED SILICA GLASS FOR LARGE MODE AREA FIBER
	16:00-16:15	Oral communication O-14 **Shikai Wang**, Wenbin Xu, Chunlei Yu, Meng Wang, Suya Feng, Lei Zhang, Qinling Zhou, Danping Chen, Lili Hu, Yb^{3+}-DOPED SILICA FIBRE CORE-GLASS ROD WITH HIGH DOPING HOMOGENEITY AND LOW OPTICAL LOSS PREPARED BY SOL-GEL METHOD
	16:15-16:30	Oral communication O-15 **Ryszard Piramidowicz**, Anna Jusza, Krzysztof Anders, Paweł Mergo, Małgorzata Gil, Renata Łyszczek and Ludwika Lipińska, LUMINESCENT PROPERTIES OF RE^{3+} DOPED POLYMER-BASED NANOCOMPOSITE METERIALS
	16:30-19:00	**POSTER SESSION + COCKTAIL**
Wednesday, March 2		**Section 6 - Nonlinear optical, magneto-optical materials (S2) (Chair: M. De Micheli)**
	9:00-9:20	Invited talk I-15 **Brian M. Walsh**, Norman P. Barnes, NONLINEAR MIXING OF PULSED ND:YAG LASERS; HARMONIC AND SUM FREQUENCY GENERATION UTILIZING $^4F_{3/2} \rightarrow {}^4I_{9/2}$, $^4I_{11/2}$, $^4I_{13/2}$ TRANSITIONS at ~0.94, 1.06, 1.3 µm
	9:20-9:40	Invited talk I-16 **Zhanggui Hu**, Yangyang Zhu, Heng Tu, Yinchao Yue, Ying Zhao, Xianchao Zhu, Fengguang You, A NEW MAGNETO-OPTICAL $TbVO_4$ CRYSTAL
	9:40-10:00	Invited talk I-17 Yu. Gerasymchuk, L. Tomachynski, M. Guzik, A. Koll, J. Jański, Y. Guyot, W. Stręk, G. Boulon, **J. Legendziewicz**, THEORETICAL STUDIES AND PHOTYPHYSICAL BEHAVIOR OF Yb(III) MONO-PHTHALOCYANINES IN DIFFERENT MEDIA
	10:00-10:30	**COFFE BREAK**

		Section 7 - LED, Laser Diodes and phosphors (S3) **(Chair: S. Tanabe)**
	10:30-10:50	Invited talk I-18 **Bruno Viana**, CHALLENGES AND CHARGING PROCESSES IN PERSISTENT LUMINESCENT MATERIALS, FOCUS OF PERSISTENT MATERIALS FOR BIO-IMAGING
	10:50-11:10	Invited talk I-19 **Motoaki Iwaya**, Tetsuya Takeuchi, Satoshi Kamiyama, and Isamu Akasaki, REALIZATION OF HIGH PERFORMANCE AlGaN- BASED UV EMITTERS AND PHOTOSENSORS
	11:10-11:30	Invited talk I-20 **Wieslaw Stręk,** Robert Tomala, Mikolaj Lukaszewicz, Yuriy Gerasymchuk, Bartlomiej Cichy, Lukasz Radosinski, Pawel Gluchowski, Lukasz Marciniak, Dariusz Hreniak, OPTICAL PROPERTIES OF GRAPHENE-BASED NANOCOMPOSITES
	11:30-11:50	Invited talk I-21 **Hiroshi Fujioka**, LARGE AREA OPTICAL DEVICES WITH INORGANIC MATERIAL
	11:50-12:10	Invited talk I-22 **H. Miyake**, C-H. Lin, K. Hiramatsu, H. Fukuyama, N. Kuwano, FABRICATION OF LOW DISLOCATION DENSITY AlN ON SAPPHIRE USING ANNEALING
	12:10-12:30	Invited talk I-23 **Lakhdar Guerbous**, Ahlem Meraouefel, Allaoua Boukerika, Asmaa Mendoud, Moura Seraiche, EFFECT OF THE VANADIUM CONCENTRATION ON STRUCTURAL AND PHOTOLUMINESCENCE OF $YV_{1-X}P_XO_4$: 1 at % Tb^{3+} NANOPHOSPHORS
	12:30-14:00	**LUNCH**
		Section 8 - Industry **(Chair: D. Rytz)**
	14:00-14:15	Oral communication O-16 **Furuya Metals Co, Ldt.** IRIDIUM CRUSIBLES FOR SYNTHETIC CRYSTAL GROWTH
	14:15-14:30	Oral communication O-17 **Heraus SAS** **Estelle Vandendris, Sophie Franchitto**, PRECIOUS METAL MATERIALS FOR CRYSTAL GROWING

	14:30-14:45	Oral communication O-18 **Peiffer** **Jean-Philippe Briton**, HOW TO DESIGN A MULTISTAGE DRY PUMP IN ORDER TO MEET REQUIREMENTS
	14:45-15:00	Oral communication O-19 **Setaram Instrumentation** **Rémi Andre**, **Karima Fadoul**, CHARACTERIZATION OF MATERIALS WITH THERMAL ANALYSIS AND CALORIMETRIC TECHNIQUES
	15:00-15:15	Oral communication O-20 **RSA Le Rubis** **Serge Labor**, Denis Guignier, RSA LE RUBIS: SAPPHIRE CRISTAL
		Section 9 - Defects and damages, characterizations (S9) **(Chair: W. Strek)**
	15:15-15:35	Invited talk I-24 **Nobuhiko Sarukura**, Melvin John F. Empizo, Kohei Yamanoi, Kazuyuki Mori, Ren Arita, Keisuke Iwano, Masahiro Takabatake, Kazuhito Fukuda, Tatsuhiro Hori, Yuki Minami, Mui Viet Luong, Yuki Abe, Sadaoki Kojima, Yasunobu Arikawa, Toshihiko Shimizu, Takayoshi Norimatsu, Hiroshi Azechi, Arnel A. Salvador, Roland V. Sarmago, Tsuguo Fukuda, GAMMA-RAY RADIATION RESISTANCE AND IMPROVED EMISSION LIFETIMES OFHYDROTHERMAL-GROWTH BULK ZnO SINGLE CRYSTALS
	15:35-15:55	Invited talk I-25 **Nikolay Nikonorov**, Vladimir Aseev, Alexander Ignatiev, Sergey Ivanov, Victor Dubrovin, LASER PHOTO-THERMO-REFRACTIVE GLASSES DOPED WITH NEODIMIUM, ERBIUM AND YTTERBIUM
	15:55-16:10	Oral communication O-21 **D.A. Spassky**, M.G. Brik, N.S. Kozlova, A.P. Kozlova, E.V. Zabelina, O.A. Buzanov, A. Belsky, STUDY OF THE DEFECTS OF $La_3Ta_{0.5}Ga_{5.5}O_{14}$ CRYSTALS USING LUMINESCENCE SPECTROSCOPY AND BAND STRUCTURE CALCULATIONS
	16:10-16:40	**COFFE BREAK**
		Section 10 - LED, Laser Diodes and phosphors (S3) **(Chair: B. Viana)**
	16:40-17:00	Invited talk I-26 **Setsuhisa Tanabe**, Jian Xu, Jumpei Ueda, NOVEL RED PERSISTENT PHOSPHORS DEVELOPED BY TRAP CHOICE AND CONDUCTION BAND ENGINEERING

	17:00-17:15	Oral communication O-22 **Franziska Steudel**, Sebastian Loos, Bernd Ahrens, Stefan Schweizer, LUMINESCENT GLASSES FOR WHITE LIGHT EMITTING DIODES
	17:15-17:30	Oral communication O-23 **F. P. Wenzl**, W. Nemitz, F. Reil, S. Schweitzer, C. Sommer, P. Fulmek, J. Nicolics, A COMPREHENSIVE DISCUSSION ON MATERIALS COMPOSITIONS FOR ADVANCED COLOR CONVERSION ELEMENTS OF PHOSPHOR CONVERTED LEDs
	17:30-20:00	**POSTER SESSION + COCKTAIL**
Thursday, March 3		**Section 11 - Fabrication and characterization of transparent ceramics (S7) (Chair: L. Esposito)**
	9:00-9:20	Invited talk I-27 **Rémy Boulesteix,** Loick Bonnet, Alexandre Maître, Vincent Couderc, Christian Sallé, Alain Brenier, ARCHITECTURED COMPOSITE CERAMICS FOR LASER APPLICATIONS
	9:20-9:40	Invited talk I-28 Aurélien Katz, Elodie Barraud, Sébastien Lemonnier, **Judith Böhmler**, Sophie d'Astorg, Anne Leriche, Marc Eichhorn, RECENT ADVANCES IN Er^{3+}:YAG TRANSPARENT CERAMICS USING SPS TECHNIQUE
	9:40-10:00	Invited talk I-29 **Mathieu Allix**, Salaheddine Alahrache, Kholoud Al-Saghir, Marina Boyer, Emmanuel Véron, Cécile Genevois, Franck Fayon, Matthew Suchomel, Florence Porcher, Christophe Dujardin, Guy Matzen, HIGHLY TRANSPARENT POLYCRYSTALLINE CERAMICS SYNTHESIZED BY FULL CRYSTALLIZATION FROM GLASS
	10:00-10:30	**COFFE BREAK**
		Section 12 - Solid state lasers and laser materials (S1) (Chair: N. Sarukura)
	10:30-10:50	Invited talk I-30 **Xiaodong Xu**, Dongzhen Li, Juqing Di, Jian Zhang, Dingyuan Tang, Jun Xu, $CaYAlO_4$ CRYSTALS FOR ULTRAFAST LASER IN THE IR REGION
	10:50-11:10	Invited talk I-31 **A. Kamińska**, C.-G. Ma, M.G. Brik, A. Suchocki, COMPARISON OF SPECTROSCOPIC PROPERTIES OF Yb^{3+}-DOPANT IN WIDE BAND-GAP GaN AND NARROW BAND-GAP InP AT AMBIENT AND HIGH PRESSURE

	11:10-11:30	Invited talk I-32 X. Mateos, J.M. Serres, P. Loiko, K. Yumashev, V. Petrov, U. Griebner, M. Aguiló, **F. Diaz**, PASSIVELY Q-SWITCHED 2 µm MICROCHIP LASER
	11:30-11:50	Invited talk I-33 Mauro Tonelli, **Alberto Di Lieto,** Azzura Volpi, Giovanni Cittadino, Seth D. Melgaard, Mansoor Sheik-Bahae, INVESTIGATION OF COOLING EFFICIENCY IN DOPED AND CO-DOPED FLUORIDE MATERIALS
	11:50-12:10	Invited talk I-34 **Guido Toci**, Angela Pirri, Jiang Li, Tengfei Xie, Yubai Pan, Vladimir Babin, Alena Beitlerova, Martin Nikl, Matteo Vannini, SPECTROSCOPIC AND LASER CHARACTERIZATION OF $Yb_{0.15}:(Lu_xY_{1-x})_3Al_5O_{12}$ CERAMICS
	12:10-12:30	Invited talk I-35 S. Normani, **A. Braud**, J.L. Doualan, R. Moncorgé, C. Maunier, D. Penninckx, P. Camy, Nd^{3+}- Lu^{3+} CLUSTERS IN CaF_2 LASER CRYSTALS FOR HIGH POWER LASERS
	12:30-14:00	**LUNCH**
		Section 13 - Nonlinear optical, magneto-optical materials (S2) (Chair: B. Walsh)
	14:00-14:20	Invited talk I-36 **Masashi Yoshimura**, Kentaro Ueda, Yoshinori Takahashi, Yusuke Mori, EFFICIENT 355 nm UV GENERATION IN $CsLiB_6O_{10}$ CRYSTAL
	14:20-14:40	Invited talk I-37 **Yuma Takida**, Hiroaki Minamide, NONLINEAR OPTICAL CRYSTALS FOR EFFICIENT TERAHERTZ-WAVE GENERATION AND DETECTION
	14:40-14:55	Oral communication O-24 **Jinlei Ren**, Lihe Zheng, Pascal Loiseau, Daniel Rytz, Gérard Aka, GROWTH AND CHARACTERIZATION OF $YAl_3(BO_3)_4$ SINGLE CRYSTAL FOR UV LASER FREQUENCY CONVERSION
	14:55-15:10	Oral communication O-25 Maxim Neradovskiy, Denis O. Alikin, Dmitrii Kuznetsov, Lyubov Gimadeeva, Vladimir Ya. Shur, Hervé Tronche, Florent Doutre, Tommaso Lunghi, Pascal Baldi, **Marc P. De Micheli**, NANO DOMAINS FORMATION IN PPLN DURING WAVEGUIDE FABRCATION USING THE SOFT PROTON EXCHANGE PROCESS

	15:10-15:25	Oral communication O-26 **V. Boutou**, B. Boulanger, A. Borne, C. Félix, P. Segonds, K. Bencheikh, A. Levenson, THIRD HARMONIC GENERATION: A UNIQUE TOOL FOR CHARACTERIZING THE ANISOTROPY OF AN OPTICAL FIBER
	15:25-15:40	Oral communication O-27 **Mikayel Arzakantsyan**, Alexandra Peña, Pascale Armand, Philippe Papet, Bertrand Ménaert, DETERMINATION OF THE MOST SUITABLE PSYCOCHEMICAL CONDITIONS FOR HEXAGONAL GeO_2 GROWTH FROM HIGHT TEMPERATURE SOLUTION
	15:40-15:55	Oral communication O-28 **Patricia Segonds**, Benoît Boulanger, Elodie Boursier, Jérôme Debray, Bertrand Ménaert, Corinne Félix, David Jegouso, Véronique Boutou, FULL CHARACTERIZATION OF THE NONLINEAR OPTICAL PROPERTIES OF CRYSTALS FOR THE GENERATION OF INFRARED PARAMETRIC LIGHT
	15:55-16:25	**COFFE BREAK**
		Section 14 - Nano, micro-particle technologies (S8) (Chair: C. Dujardin)
	16:25-16:45	Invited talk I-38 **J. García Solé**, Nd^{3+} IONS IN NANOMEDICINE: PERSPECTIVES AND APPLICATIONS
	16:45-17:05	Invited talk I-39 C. D. S. Brites, M. L. Debasu, S. Balabhadra, R. Piñol, A. Millán, **L. D Carlos**, HEATER-THERMOMETER NANOPLATFORMS FOR LIGHT -AND MAGNETIC-INDUCED HYPERTHERMIA
	17:05-17:20	Oral communication O-29 **Atsushi Yokotani**, Kohei Nakayoshi, Yuta Matsunaga, NANO SCALE THIN FILM GROWTH OF Au ON Si(111)7x7 SURFACE BY PLD METHOD
	17:20-17:35	Oral communication O-30 **Joan J. Carvajal**, Oleksandr Savchuk, Lucía De la Cruz, Patricia Haro-González, Carlos D.S. Brites, Concepción Cascales, Daniel Jaque, Luís D. Carlos, Magdalena Aguiló, Francesc Diaz, LUMINESCENCE THERMOMETRY AND BIOIMAGING IN THE FIRST AND SECOND BIOLOGICAL WINDOWS USING OXIDE-BASED NANOMATERIALS
	17:35-17:50	Oral communication O-31 **J. Cybińska**, M. Guzik, Ch. Lorbeer, Y. Guyot, G. Boulon, E. Zych, A.V.-Mudring, OPTICAL PROPERTIES OF Nd^{3+} ION IN NANOPARTICULATED LANTHANUM PHOSPHATES

	17:50-18:05	Oral communication O-32 **Mengistie L. Debasu**, Carlos D. S. Brites, Sangeetha Balabhadra, Helena Oliveira, João Rocha, Luís D. Carlos, PLASMONIC NANOHEATERS JOIN UPCONVERSION NANOTHERMOMETERS FOR HYPERTHERMIA
	20:00	**BANQUET AND AWARD CEREMONY FOR THE THREE BEST POSTERS**
Friday, March 4		**Section 15 - Scintillators (S4) (Chair: E. Bourret)**
	9:30-9:50	Invited talk I-40 **Martin Nikl**, BAND GAP AND DEFECT ENGINEERING STRATEGIES IN THE COMPLEX OXIDE SCINTILLATORS OPTIMIZATION: THE DIFFERENCES FOR Ce AND Pr-DOPING
	9:50-10:10	Invited talk I-41 **Anna Vedda**, RARE-EARTH INCORPORATION IN OXIDE SCINTILLATOR CRYSTALS, GLASSES, AND NANOSTRUCTURES – OPTICAL EMISSION AND BEYOND
	10:10-10:30	Invited talk I-42 **E. Auffray**, N. Aubry, K. Blazek, A. Benaglia, C. Dujardin, S. Diehl, S. Faraj, J. Faure ,G. Ferro, H. Gerwig, A. Heering, V. Kononets, K. Lebbou, P. Lecoq, M.Lucchini, T. Medvedeva, R. Novotny, S. Ochesanu, K. Pauwels, N. Siegrist, C. Tully, H.G. Zaunick, CRYSTAL FIBERS FOR THE FUTURE CALORIMETERS
	10:30-10:50	Invited talk I-43 **Oleg Sidletskiy**, SCINTILLATION PROCESS IN MIXED CRYSTALS
	10:50-11:15	**COFFE BREAK**
		Section 16 - Fabrication and characterization of transparent ceramics(S7) (Chair: R. Boulesteix)
	11:15-11:35	Invited talk I-44 Iustyna Vasilchenko, Sreeramulu Valligatla, Tran Thi Thanh Van, Davor Ristic, Alessandro Chiasera, Clara Goyes, Brigitte Boulard, Dominik Dorosz, Rogeria Rocha Gonçalves, Anna Lukowiak, Giancarlo C. Righini, **Maurizio Ferrari**, TRANSPARENT GLASS-CERAMICS FOR PHOTONICS
	11:35-11:55	Invited talk I-45 **Laura Esposito**, Andreana Piancastelli, Valentina Biasini, Jan Hostasa, Adrian Goldstein, TRANSPARENT $MgAl_2O_4$ SPINEL BY DOUBLE SINTERING PROCESS

	11:55-12:15	Invited talk I-46 **Shunsuke Kurosawa**, Koichi Harata, Hiroaki Chiba, Yuji Ohashi, Kei Kamada, Yuui Yokota, Akira Yoshikawa, LUMINESCENT STUDY ON RARE EARTH DOPED HAFNIUM BASED TRANSPARENT CERAMICS PREPARED BY SPARK PLASMA SINTERING METHOD
	12:15-12:30	Oral communication O-33 **Jan Hostaša,** Andreana Piancastelli, Guido Toci, Matteo Vannini, Valentina Biasini, Laura Esposito, TRANSPARENT LAYERED YAG CERAMICS WITH STRUCTURED Yb DOPING PRODUCED VIA TAPE CASTING
	12:30-12:45	Oral communication O-34 **Julia Sarthou**, Pierre Aballéa, Gilles Patriarche, Hélène Serier-Brault, Akiko Suganuma, Patrick Gredin, Michel Mortier, SYNTHESIS AND CHARACTERIZATION OF Yb:CaF_2 TRANSPARENT CERAMICS USING AND INNOVATIVE ENERGY-SAVING WET-ROUTE FABRICATION PROCESS
	12:45-13:00	**CLOSING CEREMONY**
	13:00	**LUNCH BOX**