

inpho'
Venture Summit
PHOTONICS AND BEYOND

OCTOBER 6-7, 2016
PALAIS DE LA BOURSE
BORDEAUX, FRANCE





EDITO

"I am pleased to chair a new chapter in the Bordeaux region's initiative to further private placement investment in disruptive hardware technologies. Each edition draws increasingly higher profile industrial players and investors with a singular objective: to strike a deal. INPHO®

Venture Summit is an exciting place to be for high-level business networking in a unique setting where, over two days, everyone is accessible and very proactive."

GEORGES UGRAS

Managing Director of IBM Venture Capital Group and
Chairman of the INPHO Venture Summit 2016

CHAIRMAN

George Ugras previously worked at ACM, an early stage venture fund, where he was general partner and managed investments across big data infrastructure, cloud computing, and analytics.

He has lectured on entrepreneurship at Carnegie Mellon, UCLA, and Stanford and advised faculty on technology spin-offs at various universities.

He also provides oversight to the Space Electronics Group at Caltech and NASA's Jet Propulsion Laboratory. He was a research fellow.

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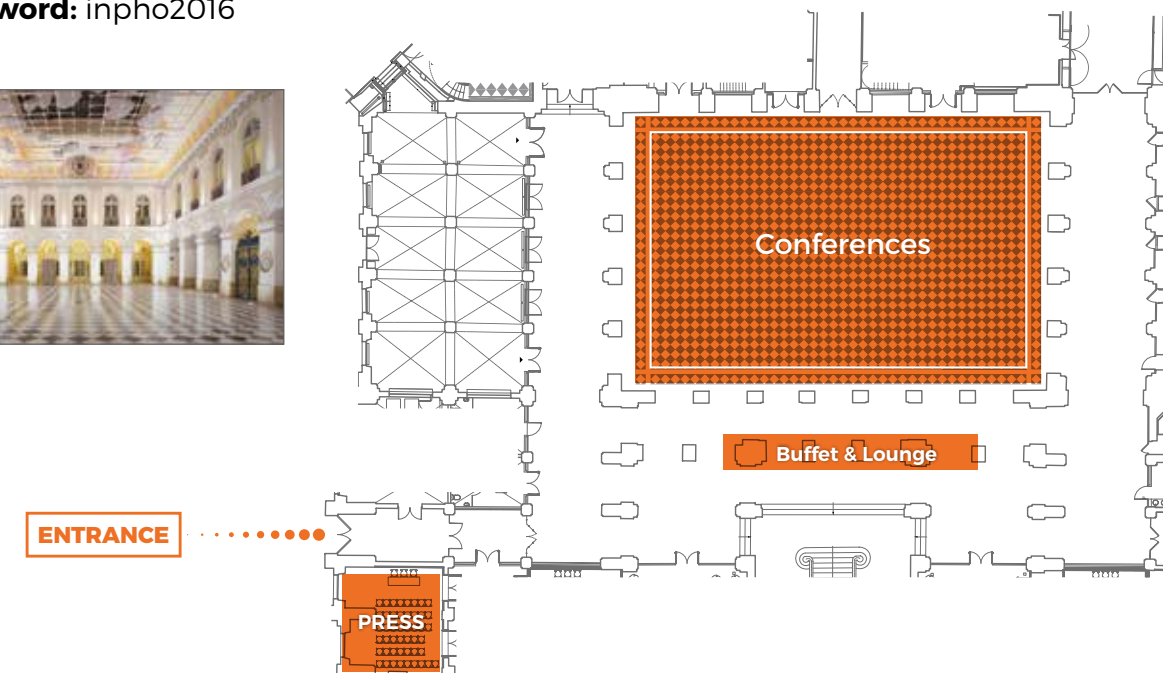
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PALAIS DE LA BOURSE



CHÂTEAU LAFITTE LAGUENS



Program

- A guided tour through the cellars of white and red wines
- Gala dinner

Transport

- Coach transport from the conference location
- Departure foreseen at 7:00 pm



Chemin du Loup, 33370 Yvrac - France

1:00 pm

WELCOME ADDRESS

George Ugras, Director of IBM
Venture Capital Group, Chairman
INPHO Venture Summit

1:15 pm

IOT & SMARTGRIDS: TOWARD NEW BUSINESS MODELS IN ENERGY

MODERATOR: **Jean Marc Bally**,
General Manager of Aster Capital

Raffi Garabedian,
CTO of First Solar

Pierre-Guy Therond,
Head of Technologies of EDF
Energies Nouvelles

Nicolas Leterrier,
CTO of Schneider

Pierre Laroche,
Group VP Research & Technology
of Legran

Elevator Pitch IoT & Smartgrids

2:45 pm

DISRUPTIVE TECHNOLOGIES

MODERATOR : **Paul Thürk**,
Managing Director of Arch
Venture Partners

Solange Glaize,
CFO of Twist Bioscience Inc.

Colin Williams,
Director of Business Development
of D-Wave

Fabien Guillemot,
CEO of Poietis

Dan Crowley,
CEO of Genomics Medicine
Ireland

3:30 pm



4:00 pm

WHAT IS THE FUTURE OF "MOBILITY"?

MODERATOR : **Dieter Kraft**,
Investment Partner of Robert
Bosch Venture Capital

Anne LALIRON,
Innovation Strategy VP of PSA
Group

François Badoual,
Director of TOTAL Energy
Ventures

Aymerik Renard,
Director of Western Digital Capital

Elevator Pitch Mobility

5:30 pm

BOOSTING TECHNOLOGY INNOVATION THROUGH EQUITY INVESTMENTS

MODERATOR : **Nitan Pathak**,
Institutional Business
Development of European
Investment Fund

Géraldine Andrieux,
CEO of Blumorpho

Hyunchul Jeong,
Investment Manager of Samsung
Ventures

Aymerik Renard,
Director of Western Digital Capital

Ethan Pierse,
Managing Partner of Nest
Ventures

7:00 pm



Transportation from
Palais de la Bourse to
the Gala Dinner

8:00 pm



GALA DINNER
Château Lafitte Laguens

8:30 am

BETTER DATA FOR BETTER TREATMENT

MODERATOR : **Alessio Beverina**,
founder and managing partner of
Panakès Partners

Mark Lightowler
Founder and CE of PHORIX
LIMITED

Iñaki Gutiérrez-Ibarluzea,
Knowledge Manager of Health
Technology Assessment

Ethan Pierse,
Managing Partner of Nest
Ventures

Elevator Pitch Healthcare

10:15 am



COFFEE BREAK

10:45 am

TELECOM/DATACOM: THE CORNERSTONE FOR THE DIGITAL REVOLUTION

MODERATOR :
Christian Reitberger,
Partner of Wellington Partners

Stephen B. Alexander,
Senior Vice President and Chief
Technology Officer of CIENA

Amir Elbaz,
CEO of iPhotonix

Julian LUCEK,
Distinguished Systems Engineer
of Juniper Networks

Elevator Pitch Telecom/Datacom

12:15 am

EUROPE'S ATTRACTIVENESS TO INNOVATE

MODERATOR : **Charles Arthur**,
former Technology Editor at The
Guardian

Kyung H. Yoon,
CEO of Talent Age Associates

Jean-Louis Malinge,
Investment Manager of Arch
Venture Partners

Willy Van Puymbroeck,
Head of Unit A4 Components,
DG-Connect, European
Commission

Anne-Laure Bedu,
Councillor for Technology
Transfer, Innovation and
Acceleration of Region of
Nouvelle-Aquitaine

Florence Forzy-Raffard
Councillor for International
Economic Affairs and for
European Affairs of City of
Bordeaux

12:45 pm



**INPHO 2016
AWARD
CEREMONY**



LUNCH

WELCOME ADDRESS

Thursday, 6th October, 2016

1:00 pm



GEORGES UGRAS

Managing Director of IBM Venture Capital Group and Chairman of the INPHO Venture Summit 2016

Thursday, 6th October, 2016

1:15 pm

IoT & Smartgrids: Toward new business models in Energy



Moderator

JEAN-MARC BALLY

ASTER CAPITAL
General Manager

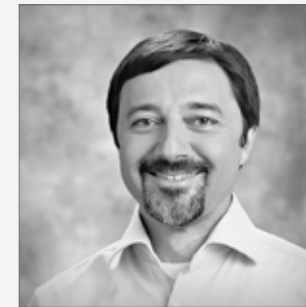
Jean-Marc Bally serves as the General Partner & Managing Director of Aster Capital (located in San Francisco, Paris and Beijing) since March 2006. Throughout extensive experience in supporting high growth companies, Jean-Marc leverages his networks and opens partnership opportunities with its corporate sponsors for the companies he supports. He has been active in the financing of more than 40 innovative companies, including Solairedirect (France, acquired by Engie in 2015), Connectblue (Sweden, acquired by u-blox in 2014), and CPower (US, acquired by Constellation Energy in 2010).

Jean-Marc holds a Master's degree in Business Management (Grenoble Graduate School of Business), an executive education (INSEAD) and an additional Master's degree in Mathematics. He has a keen interest in international matters, due to his

frequent travels. He likes to adapt each strategy to each culture as he strongly believes that adaption is the key to success. He earned a PhD in physics from the University of Vienna with sub auspiciis praesidentis distinction. He conducted research at CERN and had exposure to a number of corporate R&D labs. In his spare time he tries to keep up to speed in cognitive robotics, quantum gravity and data science.

RAFFI GARABEDIAN

FIRST SOLAR, INC. - Chief Technology Officer



Raffi Garabedian has been the Chief Technology Officer of First Solar, Inc. since May 2012 and manages the Company's technology, photovoltaic module, and power plant system products and roadmaps.

Mr. Garabedian joined First Solar in June 2008 as Director of Disruptive Technologies.

Prior to First Solar, Mr. Garabedian spent over 15 years in the MEMS (micro-electro-mechanical systems) industry, developing new products ranging from automotive engine control sensors to fiberoptic telecommunications switching systems. He was the founding CEO of Touchdown Technologies, Inc., which was acquired by Verigy, as well as Micromachines Inc., which was acquired by Kavlico. Mr. Garabedian is named on approximately 28 issued U.S. patents.

Mr. Garabedian earned a Bachelor of Science degree in Electrical Engineering from Rensselaer Polytechnic Institute and a Master of Science degree in Electrical Engineering with a focus on semiconductor and microsystems technology from the University of California Davis.

PIERRE LAROCHE

LEGRAND - Group VP Research & Technology



Pierre Laroche is VP Research & Technology at Legrand, global specialist in electrical and digital building infrastructures.

With the Legrand Group for some twenty years, he has successively held positions as R&D Manager of a unit specialised in electronics, R&D Coordinator of a division, and Head of R&D at the Commercial Systems & Infrastructures Division.

In 2014 he contributed to setting up the Group's Innovation & Systems Department, leading its Innovation Projects Unit. Previously, after graduating as an electronics engineer from ENIBrest, he spent 5 years in aeronautics at Aérospatiale, before taking on the role of Technical Director with an SME specialised in electronic systems for telecoms and security.

His current responsibilities include technology partnerships, particularly in the fields of digital, assisted living and energy efficiency, as well as collaborative projects.

PIERRE-GUY THEROND

EDF ENERGIES NOUVELLES - Head of Technologies



Pierre-Guy Therond is currently Head of Technologies at EDF Energies Nouvelles, a green energy provider. In this position, he looks to all development with renewable technologies like PV solar, Concentrated Solar Power, marine energies, offshore wind, electrical storage, innovative biomass. Previously, he was responsible for strategy for New Businesses at EDF SA.

Pierre-Guy Therond spent also 15 years at the R&D division of EDF, where he took various positions, as researcher and manager of research, development and testing services in the domains of electrical engineering, electrical systems, materials, renewable energy and environment. His last R&D position was as Director for R&D portfolio on renewable and environment. Pierre-Guy Therond has been involved into international organizations: he chaired two Task Forces at CIGRE, and used to be the Vice President of RECS International for 4 years.

Mr Therond received a PHD in solid state physics in 1986, and is graduate from the French High School for Electricity (Ecole Supérieure d'Electricité) since 1983.

NICOLAS LETERRIER

SCHNEIDER - Chief Technology Officer



Nicolas Leterrier joined Schneider Electric in 2011. He is since May 2015 Chief Technology Officer

of Building & IT activity. He held previously the position of Vice-president in charge of Innovation within Technology Strategy organization. He was responsible for the Innovation teams based in France and the teams in charge of Technology Innovation & embedded Platform development for Schneider Electric.

Nicolas began his career in Paris working for Gaz de France and GFinformatique. In 1991, he joined ST Microelectronics as a software development engineer. After working in the US for data storage business development, he became in 1999 manager of an application development group covering the field of Telecommunications, Automotive and computer peripherals. Nicolas is graduated with a master of sciences of the Paris XI Orsay University and an engineering diploma from Ecole des Techniques du Génie Logiciel (software engineering).

Thursday, 6th October, 2016

2:00 pm

SESSION

IoT & Smartgrids

Elevator Pitch

BSQ SOLAR



IGNACIO LUQUE HEREDIA
CEO

C/del Vivero, 5,
28040 Madrid
Spain

BSQ is a manufacturer of High Concentration Photovoltaics Systems (HCPV). Our technology provides, in the sun-rich regions of the world, the highest photons-to-electrons conversion efficiency of all solar electric technologies. Thanks to our game changing business model and product, our technology can help to turn PV into a truly global industry, challenging nowadays paradigm based on the massive use of silicon and the huge centralized upscaling in state-controlled economies.

XTPL



FILIP GRANEK
CEO

XTPL S.A.
Owczarska 66
54-020 Wrocław
Poland

XTPL develops technology for ultra-fine printing of nanomaterials, with demonstrated possibility of printing electrically conductive lines of width down to 500 nm. XTPL's patent pending technology is aimed firstly to manufacture Transparent Electrodes for application in solar cells, touch screens and displays. XTPL lately secured 1M€ investment and received 2.5M€ R&D grant in Poland.

CASCADE



FRÉDÉRIC PEILLERON
General Manager

91, rue des Roissis
92140 Clamart
France

CASCADE develops optically active formulations that bring sunlight control features to transparent materials: polymers, paint, glass. Boosting agronomic crop yield, CASCADE first formulations target greenhouse market, a long term growing world market creating huge business opportunities. CASCADE has established close collaborations with leading agriculture film producers to launch first products.

Beyond agriculture market, Cascade's ambition is to become the world leader in sunlight control solutions.

BLUEMINTLABS



VIJAYARAGHAVAN NARAYANAN
Founder & CEO

34, Boulevard Joseph Vallier,
38000, Grenoble
France

Bluemint Labs makes intuitive Human-Machine-Interfaces that enhances the productivity of end user. The first product Bixi is an ultra-portable, always-on, fully touch-free device that controls smart devices like phones, tablets, music speakers, lights and many others via intuitive hand gesture recognition. The user need not put his current activity on pause anymore to control his connected devices.

Disruptive Technologies Session



Moderator

PAUL THURK
ARCH VENTURE PARTNERS
Managing Director

Paul Thurk is a Managing Director with ARCH Venture Partners, joining in 2000 via a Kauffman Fellowship. In 2011, he established ARCH's European headquarters in Dublin, Ireland. Mr. Thurk was co-founder and initial CEO of Innovalight (acquired by DuPont), CoolEdge Lighting, and Pinon Technologies (acquired by a large German chemical company). More recently he was co-founder of Carrick Therapeutics and Genomics Medicine Ireland.

Mr. Thurk formerly held various operating roles at NABS (acq by ILS) - a supplier of electronics components to the computer industry - ending his tenure there as Director of Operations Asia Pacific. Mr. Thurk holds a BS from the Wharton School of the University of Pennsylvania and an MBA from the University of Texas at Austin.

ARCH is a global venture capital firm of 30 years and over \$2 billion under management, focused on disruptive innovations in the physical and life sciences. ARCH invests at the earliest stages, often co-founding start-ups directly out of university labs, and continues to invest to exit.

SOLANGE GLAIZE
TWIST BIOSCIENCE INC. - Chief Financial Officer



and operational teams globally, enabling business strategic development and international expansion.

Solange Glaize is the Chief Financial Officer of Twist Bioscience Corporation, a San Francisco based start-up that manufactures synthetic DNA using its semiconductor-based silicon platform to enable cost-effective, rapid, high-quality and high throughput production. Solange has an extensive experience with Fortune 500 technology companies leading financial

Recently, she caught the entrepreneurial spirit and joined Twist Bioscience last year as the company's CFO. Prior to Twist Bioscience, she served as Vice President, Corporate Controller and Chief Accounting Officer for Agilent Technologies. Prior to this position, Solange served as Agilent's Life Sciences Group (LSG) CFO and headed the LSG's business development organization, where she led several acquisitions. Solange started her career at Hewlett-Packard in Grenoble and held several escalating positions around the globe until she joined Agilent with the spin-off from Hewlett-Packard, to serve as Managing Director of European Financial Services in Brussels, Belgium. In 2001, she transferred to the Bay Area and subsequently held several finance director roles, in different industries at Agilent. A French native, she obtained her MS in Management from HEC School of Management in Paris, France.

COLIN WILLIAMS
D-WAVE - Director of Strategy & Business Development



informs sales strategy, guides technology strategy, and speaks regularly on behalf of the company. Prior to joining D-Wave, Colin was a Senior Research Scientist (SRS) and Program Manager for Advanced Computing Paradigms at the NASA Jet Propulsion Laboratory, California Institute of Technology. Earlier, as an acting Associate Professor of Computer Science at Stanford University, he taught courses on quantum computing and quantum communications, and computer-based mathematics. Colin earned his Ph.D. in artificial intelligence from the University of Edinburgh in 1989 and wrote "Explorations in Quantum Computing," one of the first textbooks in the field.

Dr. Colin P. Williams is Director of Strategy & Business Development at D-Wave Systems Inc, reporting directly to the CEO. In this role, Colin advises on the strategic direction of the company, manages its strategic partnerships, performs competition and market analyses,

FABIEN GUILLEMOT
POIETIS - Chief Executive Officer



Materials and Applied Sciences, of Rennes (2000) and a habilitation to lead Research in Health and Life Sciences issued by Bordeaux Segalen University (2010). Fabien was appointed Researcher at INSERM in 2005 and was also Guest Researcher at Harvard University in 2010 in the Cell and Tissue Engineering Laboratory. He also has completed its scientific training by entrepreneurship education provided to HEC (Challenge + program) in 2012-2013. Fabien has initiated pioneering work internationally in the field of bioprinting and published over 20 scientific articles and directed more than 50 invited lectures on this new technology.

Fabien Guillemot has an over 15 years experience in the field of regenerative medicine. He holds a PhD in Science from INSA, the National Institute of

DAN CROWLEY
GENOMICS MEDICINE IRELAND - Chief Executive Officer



Dan Crowley is co-founder and acting CEO of Genomics Medicine Ireland, and a Venture Partner with ARCH Venture Partners. Dan has been directly involved in the formation and financing of several notable science and technology companies including Movidius, ClearSight Innovations, Silvercloud Health, Nuritas, KDM Valentia and Kusp. Dan was previously founding director of VentureLab, one of Europe's first science venture accelerators, at NDRC, and was executive director of the SFI Centre for Advanced

Materials and Bioengineering (AMBER) at Trinity College Dublin.

Dan holds a BA and MSc in Computer Science from Trinity College Dublin, a DipSI from Oxford University, an MBA from Cornell University, and is a Kauffman Fellow.

What is the future of "mobility"?



Moderator

DIETER KRAFT
ROBERT BOSCH VENTURE
CAPITAL
Investment Partner

Dieter Kraft, Investment Partner at Robert Bosch Venture Capital GmbH (RBVC), is responsible for the European Venture Business of RBVC.

Being more than 20 Years with Bosch Dieter holds contacts to the Bosch management organization and is broad based in technology. Before he joined RBVC in June 2009 he was heading the Systems engineering Division of Hybrid Electric- and Electric Vehicles within Bosch worldwide.

Dieter's professional background is operational business within Hardware / Software of automotive electronics and Software for telecommunication networks. Heading a Corporate Research Division he was in charge of communication and energy networks, Software methods and

architectures, electric drives, human machine interaction and new business areas for Bosch. Dieter got his PhD at University of Frankfurt in nuclear and atomic physics and got some insights to mathematics, pharmacology and nuclear medicine during his studies.

ANNE LALIRON

PSA GROUP - Innovation Strategy VP



Anne Laliron, electrical and electronic engineering graduate, has been working in automotive industry for 17 years.

She started as electronic engineer at Valeo, working of 42V and power line communication. Within the electronic department she managed several electronic innovative projects. In 2004 she took the responsibility of product marketing for the electronic business unit. She defined the innovation strategy of the business unit and made the promotion of the innovation at car makers. She also managed the benchmarking activities as well as patents. In 2007, she became the Product Marketing Director of Valeo lighting business unit. In this position, she experienced, jointly with group marketing team, new ways of testing innovations concepts with final customers. She developed strong relationships with worldwide car maker's innovation teams. Then she left automotive industry and joined Lectra as Manufacturing Product Line Director. In 2011 she came back in automotive industry becoming the 208 GTI Project Director at PSA Group. As Project Director she had to manage all the project phases from design to industrialization up to product launch. Since 2014, she is in charge of Innovation Strategy of PSA Group, focused on 3 main pillars: Autonomous and Connected Vehicles, Clean technologies and Brands' attractiveness. Her team is also deploying Open Innovation culture within the Group.

AYMERIK RENARD

WESTERN DIGITAL CAPITAL - Director



Aymerik Renard leads Western Digital Corporation's start-up investment activities in the Americas, Europe, and Asia, as part of the larger Corporate Business Development organization that also spearheads M&A. Aymerik came to Western Digital in 2016 via its acquisition of SanDisk Corporation where Aymerik led its North American corporate venturing program.

Aymerik has over 20 years of business development and venture capital experience, 14 of which he spent as a corporate investor for the Orange-France Telecom Group in North America, investing in start-ups involved in enterprise, consumer, and carrier technologies spanning hardware, software, and services. Aymerik has had portfolio companies go public on the Nasdaq, NYSE, and Germany's Neuer Markt, as well as acquired by Cisco, Yahoo, Microsoft, Sun Microsystems, Oracle, Cable & Wireless, IBM, Cox Automotive, Keynote, Ericsson, and SAP. Immediately prior to SanDisk, Aymerik headed start-up business development for a multinational consumer electronics engineering and manufacturing services company, culminating in the launch of an accelerator for hardware start-ups. Aymerik's computing industry career began while a university student when he served as a Campus Representative for Apple Computer. Aymerik earned his Bachelor of Science degree in Information & Decision Systems, with an additional major in Policy & Management, from Carnegie Mellon University.

FRANÇOIS BADOUAL

TOTAL ENERGY VENTURES - Chief Executive Officer



François Badoual is a graduate civil engineer with 27 years of experience in the oil & gas industry. He started his career with Total in Indonesia as logistic engineer. He then became a reservoir engineer working on reservoir modeling and exploration wells, as well as on Middle East fields posted in Dubai. He then moved to the head office economical evaluation team. He led the consolidation of the company's long term plan before moving to the extra-heavy crude oil Sincor project in Venezuela where he created the corporate business department. Back to Paris, he joined the new business and

asset management team working in the new ventures identification group. He was then appointed deputy general manager in Angola. He subsequently was nominated country chairman in Algeria developing tight gas onshore projects and petrochemical activities. As of August 2012 he is CEO of Total Energy Ventures, the venture arm of Total. Its investments support the development of companies with innovative technologies or business models to offer new energy solutions for tomorrow. In areas such as gas, renewable energies, power, energy efficiency, energy storage, digital energy, greenhouse gases reduction, and sustainable mobility

SESSION

Mobility

Elevator Pitch

CHRONOCAM



LUCA VERRE
CEO

74 rue du Faubourg St Antoine
75012 Paris
France

Chronocam is developing a unique approach to disrupt the \$10+ Billion image sensing market. Its technology enables more efficient and higher quality computer vision capabilities in a new wave of vision-enabled products, such as autonomous navigation and IoT devices. Its bio-inspired and self-adapting method dramatically improves the state of the art in visual sensing and processing to make vision a more practical and better performing feature in any number of products. Chronocam's innovative vision sensors and systems replicate the functioning of the human eye. This allows them to address the limitations of conventional vision sensors by enabling real time sensing of the relevant dynamic scene context and acquiring only what is necessary. The result is that Chronocam's vision solutions set a new benchmark for computer vision performance with unprecedented speed, dynamic range, sensor level video compression and power efficiency at the same time.

PRIMO1D



EMMANUEL ARÈNE
CEO

c/o Minattec Entreprises
BHT, 7, Parvis Louis Néel, BP50
38040 Grenoble Cedex 9
France

Primo1D embeds electronics into textile. Omni channel drives real time inventory, efficient logistics, but the new challenge is to engage customers and link them to your brand with true authentication and after sales services. Our E-Thread® yarn - invisibly embedded with RFID technology and integrated into any fabric and garment, is the key to unique interactivity. Your garment and textile will be born digital and connected to the IoT for their entire life.

INSIGHTNESS



CHRISTIAN BRÄNDLI

Hafnerstr. 24
8005 Zürich
Germany

Insightness is a Swiss startup developing visual positioning systems that visually compute a 3D map and the position ("visual SLAM"). Today these devices consume a lot of power and react slowly. Insightness' vision sensors compress the information already in the pixel and avoid wasteful processing which allows to save power and react faster. This will enable autonomous drone flights in busy environments and bring augmented reality to battery powered smart glasses.

DRAYSON TECHNOLOGIES



LORD PAUL DRAYSON
Chairman & CEO

Grand Union Studios
332 Ladbroke Grove,
London W10 5AD
UK

Drayson Technologies Limited is an internet of things (IoT) platform company headquartered in London, UK. It has developed proprietary wireless charging technology and machine learning software to create smart sensor networks that generate actionable insights to improve people's lives and deliver value to business customers.

Boosting technology innovation through Equity Investments



Moderator

NITAN PATHAK
EUROPEAN INVESTMENT
FUND
Institutional Business
Development

Nitan Pathak started his career as an engineer in the Aerospace and Defense sector at EADS Astrium.

Later, he gained in-depth industry knowledge during five years at Texas Instruments in both Europe and the US, where he acted as Head of Business Development. After obtaining his MBA from Oxford University in 2006, Nitán joined Mummert & Company, where he was involved in a significant number of M&A transactions in the Telecom, Media and Technology (TMT) sector.

Nitan joined the European Investment Fund (EIF) in 2010. He worked as an Investment Manager within the Venture Capital team and was responsible for investments in venture capital funds. Currently Nitán works as a Business Development Manager leading the development of new equity products e.g. sector specific co-investments products.

GÉRALDINE ANDRIEUX-GUSTIN
BLUMORPHO - Chief Executive Officer



Geraldine Andrieux Gustin is co-founder of BLUMORPHO, Innovation and Business Maker to support value creation in investment and acquisition in smart hardware technologies.

BLUMORPHO mission is to accelerate innovation while reducing technical, market and financial risks. BLUMORPHO is part of Yole Développement group.

Before creating BLUMORPHO, Geraldine has worked for more than 14 years with innovators and entrepreneurs in performing marketing and strategic analysis to bridge hardware and smart technologies to their markets.

She initiated and led the COWIN project for the European Commission in the period 2010-2014 to facilitate the commercial exploitation of European research projects results and to support start-ups in their growth and funding strategies.

Based on her expertise and experience, she created BLUMORPHO, a new player in the Innovation landscape working with research organizations, start-ups, and corporate companies as well as investors. With Lean Innovation and Fast Track Open Innovation, BLUMORPHO reduces innovation cycle while creating value.

ETHAN PIERSE
NEST VENTURES - Partner



Ethan Pierse, an American entrepreneur specialized in digital marketing strategy and international business development is Managing Partner at Nest Ventures. Nest

is an early stage fund based in Hong Kong and located in Singapore, Bangkok, Nairobi, London and Paris operating the Nissan Infiniti Smart Cities, DBS and OCBC Banks FinTech, Konica Minolta Digital Health and AIA HealthTech startup accelerators.

HYUNCHUL JEONG
SAMSUNG VENTURES - Investment Manager



Hyunchul Jeong is an Investment Manager at Samsung Ventures Europe, based in London, where he involves and look for strategic opportunities in the space of chemicals, electronic materials, hardware & devices and certain areas related in digital/mobile technologies. He joined Samsung Ventures in

2012 and has involved in several investments and exits in Europe. Prior to Samsung Ventures, Hyun Chul worked in Samsung's corporate research centre and involved in open innovation R&D activities with European research partners. He holds MSc. in Physics and Composite Materials from Imperial College London.

AYMERIK RENARD
WESTERN DIGITAL CAPITAL - Director



Aymerik Renard leads Western Digital Corporation's start-up investment activities in the Americas, Europe, and Asia, as part of the larger Corporate Business Development organization that also spearheads M&A.

Aymerik came to Western Digital in 2016 via its acquisition of SanDisk Corporation where Aymerik led its North American corporate venturing program.

Aymerik has over 20 years of business development and venture capital experience, 14 of which he spent as a corporate investor for the Orange-France Telecom Group in North America, investing in start-ups involved in enterprise, consumer, and carrier technologies spanning hardware, software, and services. Aymerik has had portfolio companies go public on the Nasdaq, NYSE,

and Germany's Neuer Markt, as well as acquired by Cisco, Yahoo, Microsoft, Sun Microsystems, Oracle, Cable & Wireless, IBM, Cox Automotive, Keynote, Ericsson, and SAP. Immediately prior to SanDisk, Aymerik headed start-up business development for a multinational consumer electronics engineering and manufacturing services company, culminating in the launch of an accelerator for hardware start-ups.

Aymerik's computing industry career began while a university student when he served as a Campus Representative for Apple Computer. Aymerik earned his Bachelor of Science degree in Information & Decision Systems, with an additional major in Policy & Management, from Carnegie Mellon University.

Better data for better treatment



Moderator

ALESSIO BEVERINA
PANAKÈS PARTNERS
Founder and managing partner

Alessio is co-founder and General partner of a new VC firm, Panakes Partners, headquartered in Milan-Italy, that finances medical companies (focus on the medical device, diagnostics and healthcare IT fields), early stage startup and SMEs, with extremely promising products and great ambition, in Europe and Israel, improving both patient outcomes and healthcare economics.

Alessio has 9 years of VC experience in Sofinnova Partners, one of the largest European VCs, grown internally from Analyst to Partner positions, with European and American exposure. He began his career in 1997 as a researcher at LETI, one of the most important

European Labs in the research field, before joining the central R&D group of STMicroelectronics. He graduated from Politecnico di Milano, with a degree in chemical engineering, specializing in the chemistry and physics of solid materials, and with an MBA from the Ecole Supérieure de Commerce de Paris (ESCP-EAP). Alessio is a Kauffman Fellow.

MARK LIGHTOWLER

PHORIX LIMITED - Founder and Chief Executive Officer



Mark Lightowler originally trained as a medicinal chemist in England, obtaining his Ph.D. and post Doctoral experience at Bath University. During the last twenty years he has worked across many pharmaceutical roles from drug discovery, clinical development, sales and marketing. As global head of digital solutions for respiratory at Novartis was focused on digital healthcare innovation, where technology meets health outcomes. Recently he started Phorix Limited, a London based company focusing on catalyzing healthcare innovation and improved patient outcomes. Separately he writes on the science and art of storytelling and how to make science and medicine memorable.

IÑAKI GUTIÉRREZ-IBARLUZE

HEALTH TECHNOLOGY ASSESSMENT - Knowledge Manager



Iñaki Gutiérrez-Ibarluzea has a BSc and MSc from the University of the Basque Country UPV-EHU and is a Doctor in Sciences (NeuroScience) with a Masters in Clinical Epidemiology and a Masters in Bioethics.

He is the Knowledge Manager at Osteba, Basque Office for Health Technology Assessment and an Associated Professor at the Nursing School of the Basque Health Service. He has been the vice-chairman and chairman of EuroScan International Network

for the identification and evaluation of new and emerging health technologies and the Secretary on the Board of Directors for HTAi until 2015.

He has been also advisor of WHO in the process of evaluation of medical devices in low-resource settings and evaluator of the European Union in different call for funds.

ETHAN PIERSE

NEST VENTURES - Partner



Ethan Pierse, an American entrepreneur specialized in digital marketing strategy and international business development is Managing Partner at Nest Ventures. Nest is an early stage fund based in Hong Kong and located in Singapore, Bangkok, Nairobi, London and Paris operating the Nissan Infiniti Smart Cities, DBS and OCBC Banks FinTech, Konica Minolta Digital Health and AIA HealthTech startup accelerators.

SESSION

Healthcare

Elevator Pitch

D-EYE



ALBERT SCARPA

Project & Product Manager

D-EYE
Via Nicolò Tommaseo, 77
35131 Padova PD
Italy

D-EYE offers a "digital eye" into the state of the human body. We design and manufacture diagnostic instruments, along with companion applications, that enable mass health screenings and data collection to improve access to vital health examination services. We also develop cloud systems that enable telehealth applications, to provide insight into individual conditions and patient populations.

ARGOLIGHT



GAUTIER PAPON

CEO

11 allée de Canteranne
Cité de la photonique,
Bâtiment Elnath
33600 Pessac
France

Argolight is specialised in quality management for fluorescence based Biosystems. Our unique combination of patented hardware and dedicated software improve reliability of systems used in diagnostics, drug discovery and biological research. Our solution collects reliable quality data on fleets of systems, enabling trend analysis and provide predictive maintenance to our clients. Argolight has caught the attention of several large organizations, including Sanofi, GSK, Roche, the NIH or NASA.

DAMAE MEDICAL



ANAÏS BARUT

CEO & co-founder

96 bis boulevard Raspail
75006 Paris
France

DAMAE Medical has developed a premium medical device called OLIV®, capable of visualizing tissues in depth, at a cellular level and in vivo. This innovative imaging technology will find its primary use in dermatology and more specifically in the early diagnosis and management of skin cancer, the most common cancer in the U.S., Western Europe and Australia. The device has been acknowledged by prestigious academic leaders in skin cancer management and is now entering its clinical trial phase while obtaining regulatory approvals.

VIVOSENS MEDICAL



SEBASTIAN ALEXANDER

Founder & Partner - Managing Director

VivoSensMedical GmbH
Im Kulturhafen Riverboat
Erich-Zeigner-Allee 45
04229 Leipzig

VivoSensMedical GmbH is a med-tech startup dedicated to women's health based in Leipzig, Germany. With OvulaRing the company has developed a modern e-health solution combining wearable and software that is able, for the first time, to map the entire female cycle and therefore to precisely determine ovulation and the fertile window. Ideal for medical cycle diagnostics, optimizing conception and natural contraception.

MEDIUMICS



EDUARDO MARGALLO

CEO

Av. Ronda de Poniente, 6 - 2 ° A
28760 Tres Cantos
Madrid
Spain

MedLumics is a medical device start-up born in 2009 with the goal of translating the latest technological and scientific developments in the biophotonics field into innovative and quality products for improving quality of life. Our activities are focused on one of the most successful light-based diagnostic techniques, Optical Coherence Tomography, which is currently undergoing a fast expansion and growth process. Our disruptive technological advantages allow us to offer unique solutions and take a step forward on the clinical applications of this imaging modality.

LUNALEC



PATRIC STAFSHEDÉ

CEO

Tvistevägen 47,
907 29 Umeå,
Sweden

LunaLEC develops thin and flexible light panels (LECs) for medtech applications, based on specific wavelength and form factor needs. The LEC can be produced in air from solutions, and thus require less resources in production. The LEC is similar to an OLED lighting patch, but can be made in smaller volumes at lower costs. The LEC can be made without metals, and thus become disposable.

Telecom/Datacom: The cornerstone for the digital revolution



Moderator

CHRISTIAN REITBERGER
WELLINGTON PARTNERS
Partner

Christian Reitberger is an active business angel and since 2009 serves as a Partner with Wellington Partners, the pan European technology investment firm. Christian is a savvy technologist with a passion for transforming breakthrough innovations into real businesses that have the potential to improve the state of our world. He has led venture, growth and buyout investments in the Electronics, Resource Efficiency, Software and Internet Infrastructure area and has served on some 20 boards including NXP Semiconductors, Q-Cells, Heliatek, Orcan Energy and Romo Wind.

Christian spent nine years with Apax Partners where he was a Partner in the Tech & Telecom team and five years

with McKinsey where he worked with clients in the electronics, digital media, telecom and medtech industries.

He earned a PhD in physics from the University of Vienna with sub auspiciis praesidentis distinction. He conducted research at CERN and had exposure to a number of corporate R&D labs. In his spare time he tries to keep up to speed in cognitive robotics, quantum gravity and data science.

STEPHEN B. ALEXANDER

Ciena - Senior Vice President and Chief Technology Officer



With more than 20 years of telecom experience, **Stephen B. Alexander** is currently serving as Ciena's Senior Vice President and Chief Technology Officer. Mr. Alexander has held a number of positions since joining the Company in 1994, including General Manager of Ciena's Transport & Switching and Data Networking business units, Vice President of Transport Products and Director of Lightwave Systems. From 1982 until joining Ciena, Mr. Alexander was employed

at MIT Lincoln Laboratory, where he last held the position of Assistant Leader of the Optical Communications Technology Group. Mr. Alexander is an IEEE Fellow and was the recipient of the IEEE Communications Society Industrial Innovation Award in 2012. He is currently an Associate Editor for the IEEE / OSA Journal of Optical Communications and Networking. He has served as a member of the Federal Communications Commission Technological Advisory Council, as an Associate Editor for the Journal of Lightwave Technology, as a member of the IEEE / LEOS Board of Governors, and was a General Chair of the conference on Optical Fiber Communication (OFC) in 1997. Mr. Alexander received both his B.S. and M.S. degrees in electrical engineering from the Georgia Institute of Technology. He has been granted 18 patents and has authored a text on Optical Communication Receiver Design as well as numerous conference and journal articles.

JULIAN LUCEK

JUNIPER NETWORKS - Distinguished Systems Engineer



Julian Lucek is a Distinguished Systems Engineer at Juniper Networks, where he has been working with many operators on the architecture and evolution of their networks.

Before joining Juniper Networks in 1999, he worked at BT for several years, at first in the Photonics Research Department and later in the data transport and routing area. He has a Master's degree in Physics and a PhD in ultrahigh-speed optical transmission and processing from Cambridge University.

He is the holder of several patents in the area of communications technology. He is co-author of the book "MPLS-Enabled Applications: Emerging Developments and New Technologies", which is a best-seller in the world of packet networking.

AMIR ELBAZ

IPHOTONIX - Chief Executive Officer



Amir Elbaz is the CEO of iPhotonix, a world leading company in the software defined optical access networks space.

Amir has extensive experience in managing technology companies through their critical growth stages and utilizes his background to bring innovative ideas and products into the companies he manages. Amir has been advising companies on business strategy, restructuring and business development since 2005. During his career he held CFO, marketing and business development positions. Prior to turning to managerial roles Amir had several positions with investment funds in the US and Europe, focusing on high-tech investments.

Amir holds a BA and MBA in Finance and Investments. In spite of his many duties, Amir is an avid runner and enjoys traveling with his family to exotic places.

SESSION

Telecom/Datacom

Elevator Pitch

BESPOON



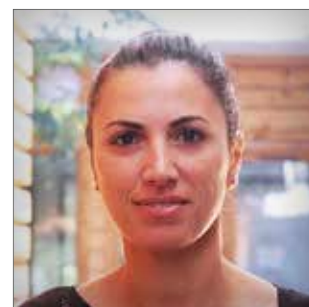
JEAN-MARIE ANDRÉ

Co-founder & CEO

17 rue du lac St André
Technolac
73372 Le Bourget du Lac Cedex
France

BeSpoon has developed a precise radio tracking environment that can pinpoint people or assets indoors with a precision of 10cm. Our disruptive technology is used in professional and consumer applications, whether it is to track forklifts across a warehouse, to monitor basket-ball players performance in real time or to provide drones with indoor GPS.

ITK



ALINE BSAIBES

Business Development Director

Itk - CAP ALPHA
Avenue de l'Europe
34830 Clapiers
France

itk was founded in 2003 by Eric Jallas, it is a knowledge integrator committed to developing easy-to-use, efficient and useful decision-making tools that connect scientific research with production agriculture and allied industries to drive value to the company, its stakeholders and customers. Concretely, itk develops web applications that target growers and agronomy consultants to help them make tactical and strategic decisions on when to plant, irrigate, fertilize, protect and harvest their crops. Those tools are based on proprietary models that are protected by two patents (Europe and USA).

ARYBALLE



JULIEN VENTURINI

Business Development Director

CEA/MINATEC
BHT-Bat 52
7 Parvis Louis Néel
38054 Grenoble cedex 09
France

Aryballe provides the most complete electronic nose solution able to cover all the human fields of olfactive experience. Based on a unique technology mimicking human olfactory sense, NeOse™ is handy, portable and provides to smart home, environment, home appliance, Food, Cosmetic, Automation and Robotics access for the first time to a universal olfactory sensor able to detect, record and recognize odors

AEPONYX



PHILIPPE BABIN

President

1100 place du Technoparc #123
Trois Rivières QC G9A 0A9
Canada

AEPONYX is a fabless micro optical switch leader designing and marketing chips for fiber optic access to the cloud. With its technologies, combining planar Micro-Electro-Mechanical-Systems (MEMS) and Silicon Photonics, AEPONYX builds the fastest, most affordable and smallest micro optical switches for tunable transceivers and optical circuit switches for the next generation of telecommunication.

Europe's attractiveness to innovate

Moderator

CHARLES ARTHUR
THE GUARDIAN
Former Technology Editor at
The Guardian

KYUNG H. YOON
TALENT AGE ASSOCIATES - Chief Executive Officer



Kyung H. Yoon is CEO and Founder of Talent Age Associates based in Silicon Valley, providing creative talent strategies for Fortune 500, multinational corporations, and mid-cap/venture backed companies in the technology, fashion, consumer, lifestyle and financial industries. Kyung is regularly engaged as a corporate director, advisor, executive search and organizational consultant, bringing creativity, global vision and innovative, value-added solutions to her clients around the world who are facing disruptions from technology innovations and globalization.

Kyung is also co-founder and partner of Executive Board Exchange (EBX), the premier community for corporate director and board engagement. Kyung has unparalleled access to top-level executives and corporate directors due to her extensive board experience as a current director of MCM Worldwide/Sungjoo Group, current Board Advisor of Creative Arts and Technology (C.A.T), Council Member of Stanford Center on Longevity, Advisory Board Member of Translink Capital and Shortlist. She is also a member of Women Corporate Directors and Belizean Grove.

JEAN-LOUIS MALINGE
ARCH VENTURE PARTNERS - Investment Manager



Jean-Louis Malinge is an accomplished Business Management executive with extensive experience as a General Manager and CEO in France and the United States. He also serves in numerous Boards of Directors. He is adept in formulating strategies to position or reposition numerous businesses, has led numerous acquisition projects and managed the creation of a successful Joint-Venture in Asia. Jean-Louis is currently a Venture Partner with Arch Venture Partners. He is also Managing Director of YADAIS a consulting firm in Telecommunications and Photonics. Jean-Louis was Kotura President & CEO from 2004 to 2013 when Kotura

was acquired by Mellanox. Kotura, Inc., a worldwide leader in silicon photonics, designs, manufactures and markets CMOS optical components which are deployed throughout the communications network. Formerly, Jean-Louis served as Vice President - Optical Networking Products for Corning, Inc. Jean-Louis' prior experience include Technology Director with Amphenol and Thompson CSF in France. Jean-Louis' credentials include an Executive M.B.A. from MIT Sloan School in Boston, Massachusetts. He also holds an engineering degree from the Institut National des Sciences Appliquées in Rennes, France.

WILLY VAN PUYMBROECK
EUROPEAN COMMISSION - Head of Unit in DG CONNECT
'Competitive Electronics Industry', European Commission



Willy Van Puymbroeck holds a PhD in Physics (1981) and an MBA (1986). Before joining the European Commission in 1988, he worked as a software researcher in Alcatel Bell from 1982 to 1988. In the Commission Willy Van Puymbroeck worked in various areas going from Computer Integrated Manufacturing, International Cooperation to Budget Implementation. He is currently Head of Unit in DG CONNECT 'Competitive Electronics Industry' covering strategy and R&D&I in micro- and nanoelectronics and smart integrated systems.

FLORENCE FORZY-RAFFARD
CITY OF BORDEAUX - Councillor for International Economic
Affairs and for European Affairs



ANNE-LAURE BEDU
REGION OF NOUVELLE-AQUITAINE - Councillor for
Technology Transfer, Innovation and Acceleration



Friday, 7th October, 2016

12:15 pm



InPho 2016 Award

by



ORGANIZATION



AUDREY



GÉRALDINE



FABIENNE



RAMONA



HERVÉ

“We will look after you all along the event.”



© CEA/Lilian MAROLLEAU - 2011

The CEA



The CEA (French Alternative Energies and Atomic Energy Commission), is a French government-funded technological research organization, which is involved in setting up collaborative projects with many partners around the world.



© CEA/MS - 2013

The CEA is active in four main areas: low-carbon energies, defense and security, information and health technologies. In each of these fields, the CEA maintains a cross-disciplinary culture of engineers and researchers, building on the synergies between fundamental and technological research. The CEA is based in ten research centers in France, each specializing in specific fields. The CEA benefits from the strong regional identities of these laboratories and the partnerships forged with other research centers, local authorities and universities.

The LMJ which came into commission in 2014 is an exceptional resource, both for its technical characteristics and its performances. Part of operational time is devoted to scientific community, in accordance with the policy approved by the Ministry of Defense.

The PETAL (PETawatt Aquitaine Laser) project launched in 2003 at the initiative of the Aquitaine Region, the French Minister for Research and the European Union, is a very high power laser beam dedicated to civilian research which is coupled with the LMJ.

Thus the LMJ/PETAL is a very large research facility unique in Europe for the conduct of studies on physics of extreme in hot and dense plasmas.

LMJ/PETAL offers a real opportunity for local industrial development. The industrial requirements of the LMJ/PETAL need to be fulfilled not only during its construction and assembly but also throughout its entire operation period. The CEA strategy to promote the involved companies settlement nearby the LMJ plant responds to a genuine industrial policy aimed at creating sustainable employment in the fields of laser and optics in Aquitaine.

CEA supports the rise of new technologies. LMJ/PETAL is a breeding ground for innovations, which may lead to technology transfer businesses with the neighboring industrial companies, especially SMEs. Some innovations have already found their place in everyday life, others are full of promises with applications for instrumentation, energy, healthcare, laser processes etc.

The Cesta is an active member of ALPhA – Route des Lasers photonic cluster.



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The CESTA (Aquitaine Scientific and Technical Studies Center), the center located close Bordeaux, is hosting the Megajoule Laser (LMJ), one of the most important tools of the Simulation Program conducted by CEA for Defense. The LMJ is one of the world's most energetic lasers.

Nouvelle-Aquitaine, a hub for smart technologies

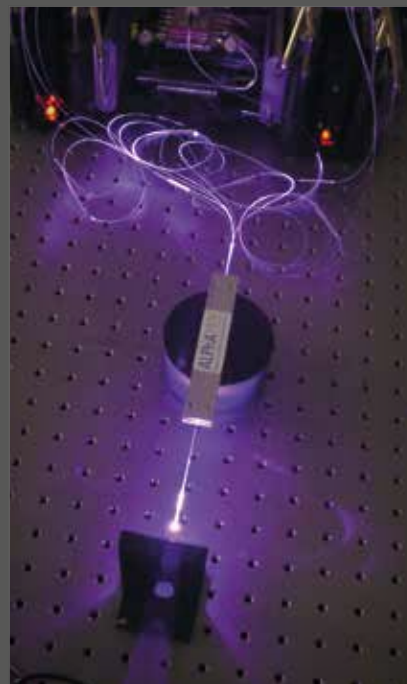
ALPHA
Route des Lasers
THE PLACE TO BE

Route des Lasers www.routedeslasers.com

Labelled by the French Government in 2005 and classified in 2012 among the efficient competitiveness clusters, the Route des Lasers cluster is dedicated to support Laser, Optics & Photonics technology development and diffusion throughout large industrial sectors, such as aeronautics and embedded systems, healthcare, new energy and lightning, vision and metrology...

It provides to its 163 members (industry, research and education photonics actors in Aquitaine) an array of strategic tools for addressing tomorrow's markets, among which:

- The Technology Resources Center ALPhANOV, to boost and mature innovation through collaborative innovative projects
- The Institut d'Optique Graduate School and PYLA training platform, for initial and in service education / training
- Business parks dedicated to photonics, Laseris 1 & 2, Cite de la Photonique
- An application cluster for industrial solar systems 'SYSOLIA™'
- An emerging application cluster for bio-photonic solutions 'BIPSA™'
- Collective export actions (support on major international trade shows abroad, taking part in European programs, etc.)
- An international business partnering convention 'INPHO, Venture Summit™'
- The Institut d'Optique d'Aquitaine, a brand new building of about 15.000 m² located on the Bordeaux university campus, federating the active force of the Aquitaine photonics sector
- International references in laser science and technology research, such as LOMA, LP2N, CELIA, CEA, Center of excellence LaPhiA
- State-of-the-art research instruments, Laser Megajoule and Petawatt Laser, two scientific flagships for global visibility, openly available to the scientific community.



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