



LOCALISATION – LOCATION

Institut d'Optique d'Aquitaine
Rue François Mitterrand
33400 Talence - France



HORAIRES – OPENING TIMES :

5 DÉCEMBRE / 5TH DECEMBER : 8H30 – 17H00
6 DÉCEMBRE / 6TH DECEMBER : 8H30 – 17H30
7 DÉCEMBRE / 7TH DECEMBER : 8H30 – 17H00



PARKING :

Parc Relais Arts et Métiers
Avenue de l'Université Bordeaux
33400 Talence - France

PROGRAMME DE CONFERENCES

CONFERENCE PROGRAM

www.pharosevent.com

www.alpha-rh.com

Tél : +33 (0)5 57 01 74 50

8H30 – 9H15	INSCRIPTION & ACCUEIL CAFE / REGISTRATION & WELCOME COFFEE	
9H15 – 12H55	OUVERTURE ET PRESENTATIONS / OPENING & SESSIONS	
• 9H15 – 9H35	JEAN-PIERRE GIANNINI – PRESIDENT ALPHA-RLH YANN BARBAUX – PRESIDENT AEROSPACE VALLEY	
• 9H35 – 9H55	GUEST DGA – PHILIPPE ADAM	
• 9H55 – 10H40	KEYNOTE SPEAKER: FRÉDÉRIC FALCHETTI SYSTEMS CTO - DASSAULT AVIATION	
• 10H40 – 11H00	SAPHYR PROGRAM ALPHA-RLH – ALAIN FONTAINE	
11H00 – 11H15	COFFEE BREAK / POSTER SESSIONS	
• 11H15 – 11H40	THALES NATACHA DAMAMME	WAVEGUIDE OPTICS: THE NEW ENABLER FOR AUGMENTED REALITY HEAD UP DISPLAYS
• 11H40 – 12H05	CEMENTYS DAMIEN MARAVAL	FIBER BRAGG GRATINGS SENSORS FOR AERONAUTICAL APPLICATIONS
• 12H05 – 12H30	CAILABS DAVID ALLIOUX	FREE-SPACE OPTICAL COMMUNICATION RECEIVER BASED ON MULTI-PLANE LIGHT-CONVERSION SPATIAL- MODE DE MULTIPLEXER
• 12H30 – 12H55	MBDA FRANCE - FUTURE SYSTEMS DIRECTORATE ERIC DUCLOUX	INTRODUCTION TO HIGH ENERGY LASER WEAPON SYSTEMS
12H55 – 14H15	COCKTAIL & NETWORKING POSTER SESSIONS :	
14H15 – 17H00	VISITES / VISITS	
• 14H15 – 17H00	VISITE ALPHANOV	
• 14H15 – 17H00	VISITE CELIA	
• 14H15 – 17H00	VISITE DASSAULT AVIATION – MERIGNAC	
• 14H15 – 17H00	VISITE LP2N	
17H00	FIN DE LA JOURNÉE / END OF THE DAY	

8H30 – 9H00	INSCRIPTION & ACCUEIL CAFE / REGISTRATION & WELCOME COFFEE	
9H00 – 12H15	OUVERTURE ET PRESENTATIONS / OPENING & SESSIONS	
9H00 – 9H45	KEYNOTE SPEAKER: FRANK VAN DEN BOGAART PRINCIPAL ADVISOR AT TNO - NETHERLANDS ORGANIZATION FOR APPLIED SCIENTIFIC RESEARCH	
• 9H45 – 10H10	ZODIAC AEROSPACE ANAEL LOHOU	RECENT PHASE ARRAY DEVELOPMENT FOR IN FLIGHT CONNECTIVITY
• 10H10 – 10H35	XLIM CYRILLE MENUQUIER	BEAM FORMING WITH A REDUCED NUMBER OF RF FRONT-ENDS
10H35 – 11H00	COFFEE BREAK / POSTER SESSIONS	
• 11H00 – 11H25	POLYTEC FLORENT DEUX & LAURENT MELIN	LAMB WAVE TESTING AND IDENTIFICATION OF DEFECTS
• 11H25 – 11H50	IMS PATRICK MOUNAIX	TERAHERTZ PAINT THICKNESS MEASUREMENTS : SPECIFICITY OF AERONAUTICS INDUSTRY
• 11H50 – 12H15	CISTEME EMMANUEL PERRIN	QUASI OPTICAL MEASUREMENT SET UP FOR MATERIAL CHARACTERIZATION UP TO 110GHZ
12H15 – 13H45	COCKTAIL & NETWORKING POSTER SESSIONS	
14H00 – 17H30	PRESENTATIONS	
• 13H45 – 14H10	XLIM DAVID CORDEAU	BEAM SCANNING ARCHITECTURE BASED ON COUPLED VCOS
• 14H10 – 14H35	INFINEON VADIM ISSAKOV & JOHANNES RIMMELSPACHER	A 60 GHZ PUSH - PUSH VCO IN A 45NM RFSOI CMOS TECHNOLOGY FOR INTEGRATED PHASE D-ARRAY RADAR APPLICATIONS
• 14H35 – 15H00	UNIVERSITY OF HAMBURG SOENKE VEHRING	HIGH EFFICIENCY K-BAND AND W-BAND POWER AMPLIFIER FOR WIRELESS SENSOR AND HIGH DATARATE COMMUNICATION SYSTEMS
• 15H00 – 15H25	GLENAIR RONALD LOGAN JR & DAVINDER BASUITA	RUGGEDIZED OPTICAL TRANSCEIVER FOR HIGH SPEED PHOTONICS DATA NETWORKS ON AERONAUTICS AND SPACE PLATFORMS
15H25 – 15H50	COFFEE BREAK / POSTER SESSIONS	
• 15H50 – 16H15	SILLTEC JULIEN DECLOUX	LASER CLEANING AND STRIPPING INCREASINGLY COMPETITIVE
• 16H15 – 16H40	ALPHANOV CHRISTOPHE ARNAUD	LASER POLISHING AND STRUCTURING - AN INNOVATIVE SOLUTION
• 16H40 – 17H05	RESCOLL TOMAS BERGARA	NON DESTRUCTIVE EVALUATION OF THE STRENGTH OF BONDINGS USING LASAT
• 17H05 – 17H30	VLM ROBOTICS PHILIPPE VERLET	CONTROL IN PROCESS BY MANUFACTURING ROBOTIC CELLS
17H30	FIN DE LA JOURNÉE / END OF THE DAY	
19H30 – 23H30	SOCIAL EVENT - / GALA DINNER ON THE GARONNE ON-BOARD A RIVER CRUISE IN BORDEAUX 20 QUAI DES CHARTRONS, 33000 BORDEAUX	

8H30 – 9H00	INSCRIPTION & ACCUEIL CAFE REGISTRATION & WELCOME COFFEE	
9H00 – 12H40	OUVERTURE ET PRESENTATIONS OPENING & SESSIONS	
9H00 – 9H45	KEYNOTE SPEAKER LEOPOLD EYHARTS – ASTRONAUT AT EUROPEAN SPACE AGENCY	
• 9H45 – 10H10	DELFOX MAXIME REY	DEEP REINFORCEMENT LEARNING FOR SATELLITE TRAJECTORY DETECTION
• 10H10 – 10H35	INSTITUT D’OPTIQUE GRADUATE SCHOOL BRYNLE BARRETT	TOWARD INERTIAL NAVIGATION WITH HYBRIDIZED QUANTUM AND CLASSICAL ACCELEROMETERS
10H35 – 11H00	COFFEE BREAK / POSTER SESSIONS	
• 11H00 – 11H25	CILAS (ARIANE GROUP) ALEXANDRA RAPAPORT	AMPLIFIER FOR SPACEBORNE WIND MAPPING LIDAR
• 11H25 – 11H50	INSTITUT D’OPTIQUE GRADUATE SCHOOL BERTRAND SIMON	CONCURRENT DISPLAY FOR AR IN AERONAUTIQUE: A ROADMAP FOR BEHAVIORAL-FOCUSED SYSTEM OPTICAL CO-CONCEPTION
• 11H50 – 12H15	UNIVERSITY OF LIMOGES - UNILIM GWENAELE REINEIX	OPTOELECTRONIC WAVEFORM GENERATORS AND PCSS CHARACTERIZATION
• 12H15 – 12H40	HORUS LASER GUILLAUME HUSS - PAUL-HENRI PIOGER	ULTRACOMPACT HIGH ENERGY SUB NANOSECOND - ND: YAG MICROCHIP LASER
12H40 – 14H00	COCKTAIL & NETWORKING POSTER SESSIONS	
14H00 – 17H00	PRESENTATIONS	
• 14H00 – 14H25	UNIVERSITY OF HAMBURG GEORG BOECK	HIGH EFFICIENCY GAN POWER AMPLIFIERS FOR WIRELESS AND SATELLITE COMMUNICATION
• 14H25 – 14H50	UNIVERSITY OF LIMOGES - UNILIM PHILIPPE BOUYSSSE	HIGH SPEED HIGH EFFICIENCY GAN MMIC POWER SWITCHING DEVICE: APPLICATION TO ENVELOPE TRACKING MODULATORS
• 14H50 – 15H15	THALES GROUP SOPHIE ROUX	INTEGRATION AND TEST OF ADVANCED PHOTONIC REPEATER DEMONSTRATOR FOR BROADBAND TELECOM SATELLITES
• 15H30 – 16H30	AWARD CEREMONY CLOSING	
17H00	FIN DE LA JOURNÉE / END OF THE DAY	

POSTER SESSIONS

NAME	TITLE
BORDEAUX UNIVERSITY, ANTHONY GHIOTTO	HIGH PERFORMANCE AIR FILLED SIW TECHNOLOGY FOR ANTENNA BEAM FORMING NETWORKS
THALES FLAVIEN DOZOLME	TEST METHODOLOGY WITH AN ATE FOR CMOS IMAGE SENSORS QUALIFICATION ON SPACE APPLICATION
SEDI-ATI JF VINCHANT	NEW VERSATILE AND COMPACT OPTICAL CONNECTORS DEDICATED TO EXTREME ENVIRONMENTS
LE VERRE FLUORE SAMUEL POULAIN	IMPROVE THE PERFORMANCE OF LIDAR USING 3.9 μM WAVELENGTH LASER
SII EMILIE BAUR	LiFi: HOW LIGHT BECOMES A VEHICLE FOR DATA.
INOVEOS HAMZA TURKI	AN ACCURATE METHODOLOGY OF LOW-LOSS DUAL-BAND STRIPLINE CIRCULATOR
XLIM PIERRE MEDREL	ADVANCED MICROWAVE/MM-WAVE NONLINEAR ACTIVE COMPONENTS AND POWER AMPLIFIERS TEST SOLUTIONS FOR FUTURE 5G APPLICATIONS
STATXPRT LAURENT DENIS	TEST DESIGN TECHNIQUES FOR BREAKTHROUGH COMPONENTS WITH COMPETING FAILURE MECHANISM