



CominLabs Days

Centre Inria Rennes, Espace Conférence Inria

Monday, November 18th, 2019

08:45		Registration and welcome coffee
<i>Amphitheater</i> Plenary	09:15 – 9:40	P. Bouthemy “CominLabs days opening and 2020-2024 roadmap”
CominLabs projects ended 2018 - 2019	09:40 – 10:00	Neural Communication (F. Wendling)
	10:00 – 10:20	Sherpam (G. Carrault) <i>Sensors for health recording and physical activity monitoring</i>
	10:20 – 10:40	BigClin (V. Claveau) <i>Big data analytics for unstructured clinical data</i>
<i>Hall</i>	10:40 - 11:00	Coffee break
<i>Amphitheater</i> Plenary CominLabs projects	11:00 – 11:20	Sunset (P. Jannin) <i>Scrub nurse non-technical skills training system</i>
<i>Amphitheater</i> Plenary Invited talks	11:20 – 12:05	Benoît DAWANT (Vanderbilt University) <i>Image-guided cochlear implant procedures</i>
	12:05 – 12:50	John BARAS (University of Maryland) <i>Neuromorphic artificial intelligence: From mathematical foundations of deep learning to "cortex on a chip"</i>
<i>Hall</i>	12:50 – 14:15	Lunch
<i>Amphitheater</i> Plenary Invited talk	14:15 – 15:00	Catherine ROSENBERG (University of Waterloo) <i>Recent results in wireless systems: From smart roaming to the use of wide channels in 802.11ac</i>
<i>Amphitheater</i> Plenary CominLabs projects ended 2018-2019	15:00 – 15:20	3D Optical ManyCores (Pascal Besnard) <i>3D many-core architectures based on optical network on chip</i>
	15:20 – 15:40	Reliasic (E. Boutillon) <i>Towards next generations of architecture and design flow to perform signal processing applications</i>
	15:40 – 16:00	HardBlare (G. Hiet) <i>Hardware and software information flow control</i>
<i>Hall</i>	16:00 – 16:20	Coffee break

<i>Amphitheater</i> Plenary CominLabs projects ended 2018-2019	16:20 – 16:40	Sedela (J.-M. Gilliot) <i>Self-data for enhancing lifelong learning autonomy</i>
	16:40 - 17:00	Profile (J. Bourcier) <i>Analyzing and mitigating the risks of online profiling</i>
<i>3 Rooms</i> <i>Belle-Ile – Bréhat – Corsica</i> Private	17:15 – 18:45	Four face-to-face sessions in parallel (Profile, Neural Communication, Reliasic projects - IAC experts)

Tuesday, November 19th, 2019

<i>Amphitheater</i> Plenary CominLabs projects ended 2018-2019	09:00 – 09:20	Rampart (R. De Crevoisier) <i>Radiomics and modeling for prostate radiotherapy</i>		
	09:20 – 09:40	PrivGen (G. Coatrieux) <i>Privacy-preserving sharing and processing of genetic data</i>		
	09:40 – 10:00	E-Fil (E. Anquetil) <i>e-Feedback for interactive lecture</i>		
	10:00 – 10:20	BBC (Jean-Philippe Diguët) <i>On-chip wireless broadcast-based parallel computing</i>		
<i>Hall</i>	10:20 – 10:40	Coffee break		
<i>Amphitheater</i> Plenary	<i>4 Rooms</i> <i>Belle-Ile</i> <i>Bréhat</i> <i>Oléron</i> <i>Sardaigne</i> Private	10:40 – 12:10	Presentation of the new PIA landscape EUR ISblue (A.-M. Tréguier) EUR CyberSchool (P.-A. Fouque) EUR DigiSport (R. Kulpa) I-Site NEXt (tbc)	Four face-to-face sessions in parallel (3D Optical ManyCores, Sedela, Sherpam, Sunset projects – IAC experts)

12:10 – 14:00	<i>Hall</i> Lunch for all attendees	<i>Direction Room</i> IAC: Private lunch and meeting
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<i>Amphitheater</i> Plenary CominLabs projects ended 2018-2019	14:00 – 14:20	M5Hestia (M. Hélard) <i>mmW multi-user massive MIMO hybrid equipments for sounding, transmissions and HW implementation</i>
	14:20 – 14:40	SEACS (R. Fablet) <i>Stochastic model-data coupled representations for the analysis, simulation, and reconstruction of upper ocean dynamics</i>
<i>Markov-Petri-Turing rooms</i> Plenary Poster session	14:40 – 17:20	Posters of ongoing CominLabs projects, follow-up actions and exploratory actions
<i>4 Rooms</i> <i>Belle-Ile – Bréhat</i> <i>Corsica – Sardaigne</i> Private	17:20 – 18:50	Four face-to-face sessions in parallel (BBC, E-Fil, Rampart, PrivGen projects – IAC experts)

Wednesday, November 20th, 2019

<i>4 rooms</i> <i>Markov – Petri – Turing –</i> <i>Direction rooms</i> Private	08:45 – 10:15	Four face-to-face sessions in parallel (projects HardBlare, M5Hestia, BigClin, SEACS - IAC experts)
<i>Direction room</i> <i>Corsica room</i> Private	10:15 – 12:45 10:15 – 12:45	Private IAC session (CL project reviewing) Private meeting of CominLabs burex