



On March 20th & 21st 2017, Ecole Polytechnique and Cisco's Paris Innovation and Research Lab (PIRL) are hosting their 2nd Annual Networking Innovation & Research Symposium. The conference offers unparalleled access to industry experts, compelling topics and multiple networking opportunities.

The agenda

Day 1 – March 20th, 2017 – Morning Session

08:30	09:00	Welcome breakfast
		Symposium Opening
09:00	09:10	<i>Thomas Clausen, Prof. Ecole Polytechnique, Alain Fiocco, Sr Director Engineering Cisco, Mark Townsley, Cisco Fellow</i>

ICN, THE NETWORK FOR 5G

Chair: Dr Giovanna Carofiglio – Cisco

09:10	09:15	Session Opening, <i>Dr Giovanna Carofiglio, Distinguished Engineer, Cisco</i>
09:15	09:35	ICN + Industrial Internet = Towards an ICN Cloud Architecture for the IoT? <i>Prof. Dr. Matthias Wählisch, Freie Universität Berlin</i>
09:45	10:05	ICN for the IoT: Energy Efficiency, Opportunities & Challenges, <i>Dr. Emmanuel Baccelli, INRIA</i>
10:15	10:35	Temporal-spatial distributed databases over ICN, <i>Prof. Andrea Detti, Università di Roma Tor Vergata</i>
10:45	11:10	Coffee Break
11:10	11:30	Stream Reasoning-Based Control of Caching Strategies in CCN Routers, <i>Prof. Dr. Hermann Hellwagner, Klagenfurt University</i>
11:40	12:00	Mobile video for ICN, <i>Jacques Samain, PhD Intern, Cisco</i>
12:10	12:30	Keyword-based mobile application sharing through information-centric connectivity, <i>Dr. Ioannis Psaras, UCL</i>
12:40	13:00	Multicast: How do we solve the 'crying baby' problem?, <i>Dr. Mayutan Arumathrai, University of Goettingen</i>
13:10	14:00	Lunch Break

Day 1 – March 20th, 2017 – Afternoon Session

A.I., THE IMPACT ON INFRASTRUCTURE		
Chair: Hugo Latapie – Principal Engineer, Cisco		
14:00	14:10	Session opening, <i>Hugo Latapie</i>
14:10	14:40	The Future of AI: from Deep Learning to Deep Understanding, <i>Ben Goertzel, Chief Scientist, Novamente</i>
14:50	15:10	Real-world ML/DL Deployment at Scale, <i>James Jones, Customer Solutions Architect, Cisco</i>
15:20	15:40	Virtual assistants: from engineering to research, <i>Martin Raison, Research Engineer, Facebook</i>
15:50	16:10	Automated Predictive Models: AI Driven AI, <i>Benoit Gourdon, CEO & Remi Coletta, CTO, TellMePlus</i>
16:10	16:40	Coffee Break
16:40	17:00	Advanced ML/DL Technologies, <i>François Courteille, Solutions Architect, Nvidia</i>
17:10	17:30	Multi-modal AI, <i>Prof. Maks Ovsjanikov – Ecole Polytechnique Research</i>
17:40	18:00	Panel – What challenges and solutions will AI bring to the network? <i>B.Goertzel, J.Jones, F.Courteille, M.Ovsjanikov</i>
18:10	19:30	Cocktail

Day 2 – March 21st, 2017 – Morning Session

IP TRANSFORMATION IN MEDIA PRODUCTION		
Chair: Sören Kjellin – CTO, ChyronHego		
8:30	9:00	Welcome breakfast
9:00	9:20	Session Opening, <i>Guillaume Sauvage de Saint Marc, Sr Director Engineering Cisco, with Sören Kjellin</i>
9:20	9:40	Recent lessons from Broadcast IP deployments: A Grass Valley perspective <i>Mark Hilton, Infrastructure Products VP, Grass Valley</i>
9:50	10:10	Canal Factory: IP Network powered Media Production Center, <i>Charles Lesoil, Head of Video engineering, Canal+</i>
10:20	10:40	Breaking News from your Virtualized Control Room, <i>Sören Kjellin, CTO, ChyronHego</i>
10:50	11:10	Coffee Break
11:10	11:30	Containerized orchestrable architecture, <i>Peter Bosch, André Surcouf, Distinguished Engineers, Cisco</i>
11:40	12:00	New trends and usages of 3D Digital Doubles for Digital Content Creation, <i>Cédric Guiard, CEO, EISKO</i>
12:10	12:30	GGIE: Leveraging IPv6 from 'Glass to Glass', <i>Glenn Deen, Director, Networking & Distribution Technology, NBCU</i>
12:40	13:40	Lunch Break

Day 2 – March 21st, 2017 – Afternoon Session

IPV6 CENTRIC NETWORKING		
Chair: Mark Townsley – Cisco Fellow		
13:40	14:00	Session Opening, <i>Mark Townsley, Cisco Fellow</i>
14:00	14:20	Five million plus zones enabled for v6; now what? <i>Martin Levy, Network Strategy, Cloudflare</i>
14:30	14:50	Convergence of Content and Routing, <i>Jamie Panagos, Senior Director, Charter Communications</i>
15:00	15:20	IPv6-only: The path ahead, <i>Marcus Keane, Principal Network Engineer, Microsoft</i>
15:30	15:45	Zero Touch Network @Google, <i>Sam Aldrin, Architect, Google</i>
15:50	16:20	Coffee Break
16:20	16:40	SRv6 Network Programming, <i>Clarence Filselfs, Cisco Fellow</i>
16:50	17:10	IPv6 Container Networking, <i>Stephen Youell, JPMorgan Chase</i>
17:20	17:35	SRv6 with Mobile Orchestration, <i>Satoru Matsushima, Deputy General Manager, Softbank Telecom</i>
17:40	17:55	Superfluid chaining of Unikernel VNFs, <i>Prof. Stefano Salsano, Università di Roma Tor Vergata</i>
18:00	19:00	Cocktail