

## Joint Sorbonne Université and Indiana University Symposium on A.I. (SUIUAI19)

Sorbonne Université – Paris, Campus Pierre et Marie Curie

June 24- 26, 2019

**Agenda** (more informations: <http://suiuai19.lip6.fr>)

**June 24, 2019**

Time		Location
<b>9:00</b>	<b>Opening of the Workshop IU-SU</b> <b>Amal El Fallah-Seghrouchni</b> , LIP6 <b>Gérard Biau</b> , Director SCAI <b>Antoine Rauzy</b> , Advisor International Development, Sorbonne Université <b>Fabrice Kordon</b> , Director LIP6 laboratory <b>David Leake</b> , Executive Associate Dean Professor of Computer Science School of Informatics, Computing, and Engineering	<b>CENTRE INTERNATIONAL DE CONFÉRENCES SORBONNE UNIVERSITÉ (CICSU)</b>  Tower 44-54 1st floor Room 105
<b>9:30</b>	<b>Keynote, chair: Christophe Marsala.</b> <b>Alessandra Carbone</b> , Professor, Laboratory of Computational and Quantitative Biology (LCQB) , <i>"Learning with probabilistic models to explore functions in genomic/metagenomic data"</i> .	
<b>10:15</b>	<b>Coffee Break</b>	
<b>10:30</b>	<b>Keynote, chair: Jean-Daniel Kant</b> <b>Nathan Ensmenger</b> , Responsable AI, Chair of Informatics, School of Informatics, Computing, and Engineering, <i>"AI as infrastructure; new perspectives on ethical computing"</i> .	
<b>11:15</b>	<b>4 Talks: Session "Ethics", chair: Hamid Ekbia</b> <ul style="list-style-type: none"> <li>Raja Chatila, <i>"Towards Trustworthy Autonomous and Intelligent Systems"</i>.</li> <li>Nicolas Maudet, <i>"Fair Allocation of Indivisible Goods"</i>.</li> <li>Gauvain Bourgne, <i>"From action theories to ethical assessment : components of an ethical decision making"</i>.</li> <li>Mohamed Chetouani, <i>"Interpersonal Human-Robot Interaction"</i>.</li> </ul>	<b>CENTRE INTERNATIONAL DE CONFÉRENCES SORBONNE UNIVERSITÉ (CICSU)</b>  Tower 44-54 1st floor Room 105
<b>14:30</b>	<b>Keynote, chair: Matthieu Cord</b> <b>David Crandall</b> , Associate Professor in the School of Informatics, Computing, and Engineering, <i>"Studying people to improve Artificial Intelligence"</i> .	
<b>15:15</b>	<b>4 Talks: "Machine learning", chair: Catherine Pélachaud</b> <ul style="list-style-type: none"> <li>Matthieu Cord, <i>"Designing multimodal deep architectures for Visual Question Answering"</i>.</li> <li>Stéphane Doncieux, <i>"Open-ended learning in robotics"</i>.</li> <li>Kun Huang, <i>"AI in Computational Pathology and Integrative Genomics with Applications in Precision Medicine"</i>.</li> <li>Yunglong Liu, <i>"Machine learning model enables identification of functional regulatory variants"</i>.</li> </ul>	
<b>16:35</b>	<b>Coffee Break</b>	
<b>16:45</b>	<b>4 Talks: "AI, Interactions, neurosciences", chair: Kay Connelly</b> <ul style="list-style-type: none"> <li>Alina Puce, <i>"brainlife.io: Advancing scientific discovery via cloud-based collaboration and open neuroscience methods"</i>.</li> <li>Catherine Pélachaud, <i>"Modeling socially aware virtual interaction partners"</i>.</li> <li>David Leake, <i>"Case-based Reasoning Opportunities: Experience and Explanation for Big and Small Data"</i>.</li> <li>Jean-Daniel Kant, <i>"An agent-based simulation approach to evaluate and design policies"</i>.</li> </ul>	Tower 44-54 1st floor Room 105
<b>18:05</b>	<b>End of first day</b>	

**June 25, 2019**

		Location
<b>9:00</b>	<b>Welcome Coffee</b>	<b>Tower Zamansky, 24<sup>th</sup> floor, Room 2400</b>
<b>9:10</b>	<b>4 Talks:</b> “Datascience”, chair: <i>Bertrand Granado</i> <ul style="list-style-type: none"> <li>Bernd Amann, “Building Complete Analytical Datasets for Data-driven AI”.</li> <li>Mehmet Dalkilic, “Using Data Analytics to Optimize Public Transportation on a College Campus”.</li> <li>Haixu Tang, “AI for science: discovery of complex rules and patterns from massive scientific data”.</li> <li>Christophe Marsala, “Computational Intelligence for interpretable models”.</li> </ul>	
<b>10:30</b>	<b>Coffee break</b>	
<b>10:45</b>	<b>5 Talks:</b> “AI and health-care” and Medecine chair <i>Gauvain Bourgne</i> <ul style="list-style-type: none"> <li>Kay Connelly, “Everyday Sensing to Inform Healthcare”.</li> <li>Christina Chung, “Personal Informatics in interpersonal context”.</li> <li>Hamid Ekbia, “Shifting the Paradigm in AI: The Case of Algorithmic Collusion”.</li> <li>Bertrand Granado, “Using AI in biomedical devices”.</li> <li>Luis Rocha, “Towards understanding biosocial complexity in human health with network and data science”.</li> </ul>	
<b>14:30</b>	<b>4 Talks:</b> “Outside of the Box”, chair: <i>Nathan Ensmenger</i> <ul style="list-style-type: none"> <li>Lionel Tabourier, “Research at LIP6 Complex Networks team”.</li> <li>François Pachet, “”.</li> <li>Tewfik Ziadi, “Managing Software Variability in Artificial-Intelligence-based Systems: the Robocode Case Study”.</li> <li>Dana Habeeb, “Environmental Sensing and Community Health”.</li> </ul>	<b>CICSU Tower 44-54 1st floor Room 105</b>
<b>15:50</b>	<b>Coffee Break</b>	
<b>16:00</b>	<b>Keynote, Chair:</b> <i>Amal El Fallah Seghrouchni</i> <b>Raj Acharya</b> , Dean of the School of Informatics, Computing, and Engineering, “Lattice models for bioinformatics”.	
<b>17:00</b>	<b>Reconvene group:</b> constitution of working groups	
<b>17:30</b>	<b>End of second day</b>	

**June 26, 2019**

		Location
<b>9:30</b>	<b>Welcome Coffee</b>	<b>CICSU Tower 44-54 Room 105</b>
<b>10:00</b>	Parallel sessions: working groups	<b>CICSU and Tower Zamansky Several rooms</b>
<b>11:30</b>	Discussions on possible collaborations and activities, Future steps and Synthesis	<b>CICSU Tower 44-54 1st floor Room 105</b>
<b>12:30</b>	<b>End of third day</b>	