

## CONFERENCE PROGRAM



## 9th International Conference on Collaborative Innovation Networks: Digital Transformation of Collaboration

October 8-9, 2019

Warsaw, Poland



## STEERING COMMITTEE

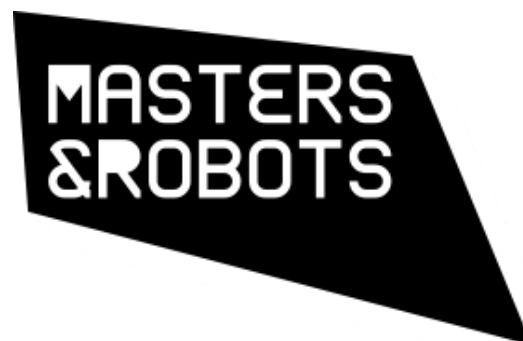
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- Aleksandra Przegalinska, Kozmiski University, Warsaw, Poland - **Organizing Chair**
- Francesca Grippa, Northeastern University, USA – **Program co-chair**
- Peter Gloor, Massachusetts Institute of Technology, USA
- Matthaeus Zylka, University of Bamberg, Germany
- Julia Gluesing, Wayne State University, USA
- Ken Riopelle, Wayne State University, USA
- Yang Song, Jilin University, China
- Christine Miller, Savannah College of Art and Design (SCAD) and University of North Texas (UNT).
- Andrea Fronzetti Colladon, University of Perugia, Italy
- Cristobal Garcia, Imperial College and TU Delft
- Takashi Iba, Keio University, Japan
- Casper Lassenius, Aalto University, Finland
- Maria Paasivaara, IT University of Copenhagen, Denmark

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## OUR SPONSORS

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## Greetings

Welcome to Warsaw!

We hope you will enjoy both the city and our conference, organized jointly with the Masters and Robots 2019 meetup, one of Poland's biggest events on innovation and start-ups, future technologies and more. Busy, exciting days ahead of us!

The 9th edition of the Collaborative Innovation Networks (COINs) conference is focused on “Digital Transformation of Collaboration” and represents a forum for researchers and practitioners from both academia and industry to meet and share cutting-edge advancements in the field of Social Network Analysis, Online Social Networks, Data Mining, AI & Deep Learning and the impact of those technologies on society and culture.

We look forward to seeing you in Warsaw!

Sincerely,

*COINs 19 Steering Committee*

**PROGRAM OVERVIEW**

Presentations and Poster Sessions are scheduled for Tuesday, October 8<sup>th</sup> starting at 1.30pm and Wednesday, October 9<sup>th</sup> 2019 starting at 9am. To accommodate the accepted submissions, sessions are divided into separate 15-minute slots for presentations (15 minutes + 5 for questions).

<b>Tuesday – October 8<sup>th</sup></b>	
8am-12pm	Master's & Robots Conference Please visit the website for details <a href="https://mastersandrobots.tech/">https://mastersandrobots.tech/</a> Registration to COINs19
1:30pm-3.30pm	Paper session
3:30pm-3.50pm	Coffee break
3:50pm-4:50pm	Industry Presentations
4.50pm-5pm	Discussion and Closing Remarks
5:30pm-9:30pm	Conference dinner
<b>Wednesday - October 9<sup>th</sup></b>	
8am-9am	Registration
9am-11am	Paper session
11am-11.20am	Coffee break
11.20am-12.20pm	Paper session
12.20pm-1.30pm	Lunch break
1.30pm-3.40pm	Paper session
3.40pm-4.pm	Coffee break
4pm-5.30pm	Parallel Workshops
5.30pm-5.45pm	Closing Remarks

## DETAILED PROGRAM

Tuesday, October 8<sup>th</sup> 2019

<b>9am-12pm</b>	Master's and Robots Conference		
<b>TBD</b>	Registration to COINs19		
	<b>1.30pm-1.50pm</b>	<b>1.50pm-2.10pm</b>	<b>2.10pm-2.30pm</b>
Body Sensors	Lirong Sun, Peter Gloor, Marius Stein, Joscha Eirich and Qi Wen <b>"No Pain No Gain": Predicting Creativity Through Body Signals</b>	Lirong Sun and Peter Gloor <b>Measuring Moral Values with Smartwatch-based Body Sensors</b>	Joaquin Santuber, Babajide Owoyele, Sandip Kumar Ghosh and Reemi Mukherjee, Jonathan A. Edelman <b>Using body signals to study the norms that drive creative collaboration.</b>
	<b>2.30pm-2.50pm</b>	<b>2.50pm-3.10pm</b>	<b>3.10pm-3.30pm</b>
Body Sensors	Davide Aloini, Giulia Benvenuti, Dulmin, Peter Gloor, Emanuele Guerrazzi, Valeria Mininno and Alessandro Stefanini <b>Exploring the Impact of Environmental and Human Factors on Operational Performance of a Logistics Hub</b>	Juan A. Sánchez-Margallo, Peter A. Gloor, José L. Campos and Francisco M. Sánchez-Margallo <b>Measuring Workload and Performance of Surgeons Using Body Sensors of Smartwatches</b>	Moritz Bittner, David Dettmar, Diego Morejon Jaramillo and Maximilian Johannes Valta <b>Virtual Tribes: Analyzing Attitudes towards the LGBT Movement by Applying Machine Learning on Twitter Data</b>
<b>3.30pm-3.50pm</b>	Coffee Break		
	<b>3.50pm-4.10pm</b>	<b>4.10pm-4.30pm</b>	<b>4.30pm-4.50pm</b>
Industry Presentations	<b>Microsoft Presentation</b>	<b>Pracuj.pl Presentation</b>	<b>ING BANK</b>
<b>4.50pm-5pm</b>	Closing Remarks		

Wednesday, October 9<sup>th</sup> 2019

<b>8am-9am</b>	Registration		
	<b>9am-9.20am</b>	<b>9.20am-9.40am</b>	<b>9.40am-10am</b>
Emotion and Morality	Peter Gloor and Andrea Fronzetti Colladon <b>Heart Beats Brain - Measuring Moral Beliefs through E-Mail Analysis</b>	Francesca Greco and Andrea Fronzetti Colladon <b>Profiling Innovators: an Emotional Text Mining and Social Network Analysis Approach</b>	Sonja Fischer, Alexandra Manger, Annika Lurz and Jens Fehlner <b>Finding patterns between religions and emotions</b>
	<b>10am-10.20am</b>	<b>10.20am-10.40am</b>	<b>10.40am-11am</b>
Human-AI Interaction	Leon Ciechanowski, Aleksandra Przegalinska and Anna Kovbasiuk <b>Review of neuroimaging and psychophysiological measures of the Uncanny Valley Effect</b>	Konrad Sowa <b>Digital coworker. Human-AI collaboration in work environment, on the example of virtual assistants for management professions.</b>	Ahmad Khanlari <b>Collaborative Innovation Network in Robotics</b>

11am-11.20am Coffee Break			
	<b>11.20am-11.40am</b>	<b>11.40am-12pm</b>	<b>12pm-12.20pm</b>
Human-AI Interaction	Mateusz Pawełczuk, Michal Janiszewski and Marcin Wylot <b>Practical application of expert systems in blood therapy</b>	Pawel Zarzycki and Konrad Maj <b>Multidisciplinary Collaboration on Human-Robot Interactions - A Case Study of Center of Innovation USWPS</b>	Christine Miller and Kenneth Riopelle <b>Mapping Design Anthropology: Tracking the development of an emerging transdisciplinary field</b>
12.20pm-1.30pm Lunch Break			
	<b>1.30pm-2pm</b>	<b>2pm-2.20pm</b>	<b>2.20pm-2.40pm</b>
Interdisciplinary Methods	Yuki Kawabe and Takashi Iba <b>An Ecosystem for Collaborative Pattern Language Acquisition</b>	Antonio Capodieci and Luca Mainetti <b>A structured approach to GDPR compliance</b>	Cordula Robinson, Francesca Grippa, Earlene Avalon and Michael Wood <b>Combining Social Capital and Geo-spatial Analysis to measure the Boston's Opioid Epidemic</b>
	<b>2.40pm-3pm</b>	<b>3pm-3.20pm</b>	<b>3.20pm-3.40pm</b>
	Michael Beier and Sebastian Früh <b>Reward-based Crowdfunding as a Tool to Constitute and Develop Collaborative Innovation Networks (COINs)</b>	Abraham Yosipof, Yang Song and Ron Berger <b>Machine learning platform for Crowdfunding Game Campaigns Success</b>	Leon Ciechanowski, Anna Kovbasiuk and Dariusz Jemielniak <b>Wikidata exploration for Social Science</b>
3.40pm-4pm Coffee Break			
<b>Parallel Workshops</b>			
<b>4pm-5.30pm - Location TBD</b>		<b>4pm-5.30pm - Location TBD</b>	
Radoslaw Czahajda <b>The pillars of community building</b>		Monika Sonta and Kristen Klassen <b>More playful side of the COIN</b>	
<b>5.30-5.45pm - Closing Remarks</b>			

## What to Do in Warsaw

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Warsaw (Polish: Warszawa) is the capital of Poland and its largest city with 1.7 million inhabitants. It is located on the Vistula River (Wisła), roughly equidistant (350 km, 217 mi) from both the Baltic Sea (Bałtyk) in the north and the Carpathian Mountains (Karpaty) in the south.

Most of the major sightseeing attractions are located in Centrum area, which encompasses seven districts, however, the most important district for sightseeing is likely to be considered Śródmieście. The other districts all have something else to offer too, but the further from Centrum you journey, the less likely you're to find much of anything that is of any major interest, although Wilanów's palace and Kabaty forest are interesting enough.

The conference will take place at Multikino Złote Tarasy. The venue is centrally located in Warsaw and offers sufficient space for the conference. A number of conferences have already been held at Multikino (e.g. Google Analytics User Conference, Search Marketing Day).

The venue is right in the city center, next to the famous Palace of Culture and Science ([https://en.wikipedia.org/wiki/Palace\\_of\\_Culture\\_and\\_Science](https://en.wikipedia.org/wiki/Palace_of_Culture_and_Science)), with several cafes and restaurants nearby.

Recommended bars in the area include Long Bar and Loreta Bar. Great restaurants at Poznanska Street. Worth visiting: The Warsaw Rising Museum (<https://www.1944.pl/en/article/the-warsaw-rising-museum,4516.html>), Copernicus Science Center and POLIN.



