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FIT EUROPE 1st Seminar

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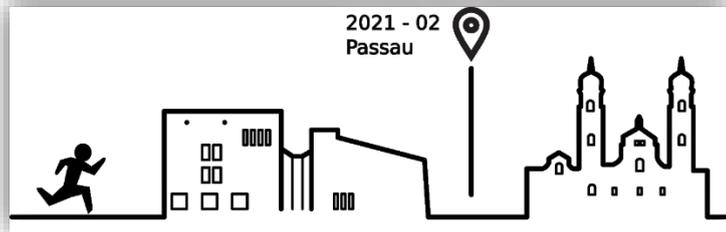
Big Data and its ethical/societal implications

“Should data rule tomorrow’s world?”

University of Passau

22-26 February 2021

PROFILES BOOK



PARTICIPANTS' LIST

Name	Country	Type
Gianina ACHIM	Romania	Student
Andrea ANFUSO	Italy	Student
Alex AWADA	Romania	Expert
Denisa-Gabriela BALAN	Romania	Student
Davide BALICE	Italy	Student
Niklas BEIERL	Germany	Student
Massimo BERTOCCHI	Italy	Student
Felix BÖLZ	Germany	Student
Dorothee BRAC-de-la-PERRIERE	France	Expert
Lionel BRUNIE	France	Expert
Matteo CALABRESE	Italy	Student
Axelle CHENEY	France	Expert
Stelvio CIMATO	Italy	Expert
Amélie CORDIER	France	Expert
Ophélie COUEFFÉ	France	Expert
Ernesto DAMIANI	Italy	Expert
Roxane DEBORD	France	Student
Mohammad FAISAL	Romania	Student
Wiem FEKIH HASSEN	Germany	Expert
Armin GERL	Germany	Expert
Michael GRANITZER	Germany	Expert
Salim HAFID	France	Student
Christina HANSEN	Germany	Expert
Claudia HEUDECKER	Germany	Expert
Harald KOSCH	Germany	Expert
Elif Bilge KAVUN	Germany	Expert
Corentin LAHAROTTE	France	Student
Manuel LEHNER	Germany	Student
Naoufel MOUDDA	Germany	Student
Maria-Teodora MUTEANU	Romania	Student
Catalin NEGRU	Romania	Expert
Andrei OLARU	Romania	Expert
Marco PEDRINAZZI	Italy	Student
Florin POP	Romania	Expert
Pierre-Edouard PORTIER	France	Expert
Frédéric PROST	France	Expert
Grazia Giulia RIBBENI	France	Expert
Nabila SAYAD	France	Expert
Loredana SOARE	Romania	Expert
Ousmane TOUAT	France	Expert
Alexander TREML	Germany	Expert
Kseniia VASYLIEVA	Germany	Student
Roland WOSSIDLO	Germany	Expert



STUDENTS



ACHIM Gianina Teodora (black team)

POLITEHNICA BUCHAREST

Gianina is from Romania. She has studied most of her life Data. She is an active person, willing to meet new people and make friends from all over the world.



AFUNSO Andrea (blue team)

UNIVERSITA DEGLI STUDI DI MILANO

Andrea is 24 years old. Since high school, he has thought of going out of his country to learn languages and see how is it out there! He has always liked computers and networks but he wants to get further. For him, digitalisation is a big opportunity to make something good for the people.



BALAN Denisa Gabriela (green team)

POLITEHNICA BUCHAREST

Denisa is a junior engineer who wants to change the world through her passions and the people she meets. She loves being challenged and discussing ideas from different points of view in order to improve herself. She is studying Business Systems Engineering and Management in Bucharest.



BALICE Davide (red team)

UNIVERSITA DEGLI STUDI DI MILANO

Davide has been studying computer science since high school and he recently completed a Bachelor's Degree at the University of Bari (Italy). Davide also attended the CyberChallenge IT sponsored by the Italian Government with the goal to train new cyber defenders.



BEIERL Niklas (blue team)

UNIVERSITÄT PASSAU

Niklas is a tech guy, who likes to swim in the ocean, quacks like an open-source enthusiast and tries to drag you into a political argument ; Here are the words with which Niklas defines himself. He is a freelance developer by day...and student by day too ! He loves to come in touch with all kinds of technology and people sharing his fascination. When not in front of a screen, you will probably find him out in nature, on foot, on a bicycle or in the water.

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BERTOCCHI Massimo (green team)

UNIVERSITA DEGLI STUDI DI MILANO

Massimo is studying Cybersecurity in Milano. He was born in a small town in the North-East of Italy called Muggia. He spent his childhood there, and then moved to Milano for education purposes. He did an academic exchange in Zurich during his second year of University. He played basketball for more than 10 years and he also plays guitar since he was 11. He would define himself as an extremely creative person.



BOELZ Felix (black team)

UNIVERSITÄT PASSAU

Felix is a Master student finishing his studies this semester. His interests are the topics of Privacy, Semantic Technologies and law-related topics. Since the beginning of his Master, Felix works at the Chair of Distributed Information Systems at the University of Passau. On the private side, Felix loves cooking and swimming.



CALABRESE Matteo (yellow team)

UNIVERSITA DEGLI STUDI DI MILANO

Matteo is a student in Politecnico di Milano. He has a passion for computer science, but he is also into music, sports and photography. He is studying cybersecurity, an exciting, dynamic, and vital topic in our digital world. Among many issues Matteo would love to tackle in the future, there is privacy, a human right that is constantly endangered by the fast evolution of today's technologies.



DEBORD Roxane (blue team)

INSA LYON

Roxane is studying computer science at INSA Lyon, where she is going to graduate at the end of this year. Her main fields of interest in computer science are computer graphics and 3D programming. Outside of her studies, Roxane is a big fan of video games, digital drawing and other crafting activities.



FAISAL Muhammad (blue team)

POLITEHNICA BUCHAREST

Muhammad enjoys innovation and loves to experiment with different ideas. He is known for inspiring and devising original, thought-provoking concepts. Muhammad excels in workplaces that promote a culture of consensus-driven and high-energy teamwork ; Along with that, he has an artistic eye and a strong work ethic and experience in critical thinking, decision-making and

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communication.



HAFID Salim (red team)

INSA LYON

Salim is from Morocco. He came to Lyon for his studies and he is enrolled in the department of Computer Sciences at INSA Lyon. His main area of interest is Data Science and Natural Language Processing. Apart from school, he is heavily into Plastic-Arts, drawing, painting or sculpting.



LAHAROTTE Corentin

INSA LYON

Corentin is a student from INSA Lyon. He is enrolled as a high-level athletics student, which allows him to combine studies and his passion, handball. Sport is a big part of his life, but Corentin also likes to party, spend times with friends and meet new people.



LENER Manuel (yellow team)

UNIVERSITÄT PASSAU

Manuel is a computer science Masters student in third semester. His main study focus on information systems and transactions. Previously, Manuel was working in sales on music equipment after study of audio engineering. He currently works as a corrector and he has a business as a musician and audio engineer.



MOUDDA AZZEM Naoufel (green team)

UNIVERSITÄT PASSAU

Naoufel is a Computer Science Master student in the University of Passau. After getting his bachelor degree from Algeria, he decided to continue in Master to deepen his knowledge in this field. Currently, he is taking part of a Double Degree Programme between Uni. Passau and INSA Lyon and he is finishing his last year of studies.



MUNTEANU Maria Teodora (red team)

POLITEHNICA BUCHAREST

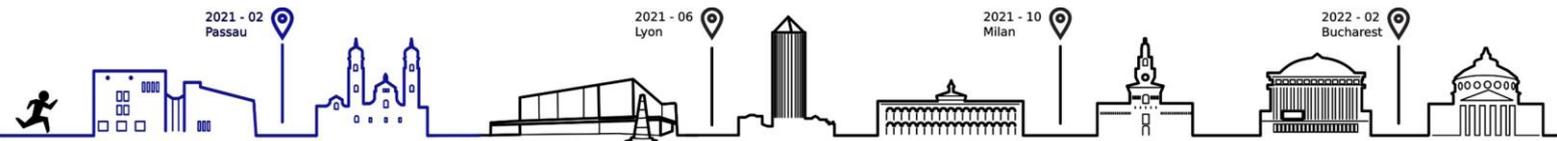
Maria Teodora's big passions are Big Data and Photography. According to her, both fields have a lot in common: as a photo can speak 1000 words, so data can tell us 1000 new things. She cannot wait for the webinar to learn more current things about how to analyse Big Data sets and especially how to interpret them.

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RIBBENI Grazia-Giulia (yellow team)



INSA LYON

Grazia is a Computer Science Engineer student at INSA Lyon enrolled in the Double Degree Master Programme between Uni. Passau and INSA Lyon. She moved from Palermo to Lyon 5 years ago and she would like to work abroad in the medical field. Grazia finds interesting to work in multicultural teams and she can't wait to do it during the Seminar on Big Data.

SOARE Loredana (yellow team)



POLITEHNICA BUCHAREST

Loredana is currently a Big Data Engineer and works with multiple technologies like : Apache Spark, Apache Hadoop, Apache Kafka... She is a first year student of the Master Degree Parallel and Distributed Computing Systems in Bucharest. She considers the seminar of Passau as a good opportunity to improve her knowledge and skills about Big Data.

TOUAT Ousmane (green team)



INSA LYON

Ousmane is a french student at INSA Lyon who is currently applying for the Double-Degree « PhD Track » between INSA Lyon and Uni. Passau. He enjoys reading about new breakthrough in research (in Data Science, Artificial Intelligence and even Fundamental Physics).

VASYLIEVA Kseniia (red team)



UNIVERSITÄT PASSAU

Kseniia is 25 years old and she is from Ukraine. She is currently in the last semester of Master's Studies in Computer Science at the University of Passau and she is writing a Master Thesis. Kseniia graduated from Kharkiv National Technical University (Ukraine) in 2018. She is fluent in English.

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EXPERTS



AWADA Alex-Imad (Dr.)

POLITEHNICA BUCHAREST

Alex is a researcher at University Politehnica of Bucharest. His current research activities focus on Artificial Intelligence, Ambient Assisted Living (AAL), Human-Machine Interaction and E-learning. He is implicated in various AAL projects and in different national and European research projects.



BRAC DE LA PERRIERE Dorothée

INSA LYON

At the NSA Lyon International Relations Office, Dorothée is in charge of European partnerships since 2010 and she co-builds projects serving the European strategy of INSA Lyon. She is involved in Fit Europe as project manager and provides support to the teamwork.



BRUNIE Lionel (Prof. Dr.) – Mentor (blue team)

INSA LYON

Lionel is professor and chairs the Department of Computer Science and Information of INSA Lyon (430 students, 45 faculties). He has led numerous national and international research projects. He is the (co-) author of over 220 research papers and the (co-)supervisor of 40 PhDs. Lionel has been member of over 80 scientific conference and workshop committees and more than 30 European and international projects. His topics of interest include: security and privacy, collaborative distributed systems, and data management



CHENEY Axelle

UNIVERSITÄT PASSAU

Axelle is in charge of international scientific cooperation in AI and Big Data at the Passau University Faculty of Informatics. She worked for many years in European affairs, in particular on education and human rights policies. She is French and joined Passau University Faculty of Informatics in 2019. She is also the Women's representative of the Faculty and the special advisor of the University Presidency for the European strategy.



COUEFFE Ophelie

UNIVERSITÄT PASSAU

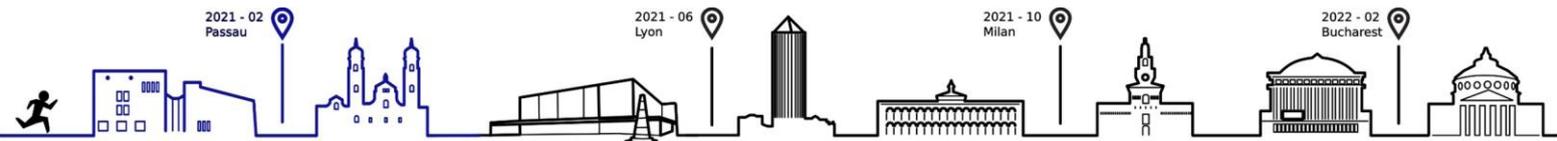
Ophélie comes from France and is project assistant volunteer both for IRIXYS research center at the Faculty of Informatics and Mathematics of Uni Passau and for the international office of the University. Her mission is to support the international cooperation at the University. She has been working on the organisation of this Fit Europe project since September 2020. Ophélie studied law for five years in France and has a Master degree in public law.

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CIMATO Stelvio (Dr., Ass. Prof.) – Mentor (black team)

UNIVERSITA DEGLI STUDI DI MILANO



Stelvio is Associate Professor at the Computer Science Department of the Università degli Studi di Milano. He got his Ph.D. in Computer Science at University of Bologna, Italy in 1999. His main research interests are in the area of cryptography, network security, and Web applications. He has published several papers in the field and is active in the community, serving as member of the program committee of several international conferences in the area of cryptography and data security.

CORDIER AMELIE (Dr., Ass. Prof.) – Block 9 and Mentor (yellow team)

LA FRENCH TECH ONE LYON-ST ETIENNE



Amélie is Associate Professor at Université de Lyon. She defended her PhD in Artificial Intelligence in 2008 and is still an active researcher in that field. She is also president and co-founder of Lyon-iS-Ai, a French NPO aiming at making Artificial Intelligence understandable by the general public.

DAMIANI Ernesto (Prof. Dr.) – Block 3

UNIVERSITA DEGLI STUDI DI MILANO



Ernesto is Professor at the Computer Science Department at the Università degli Studi di Milano, President of the National Interuniversity Consortium for Informatics, and Director of the Center for Cyber-Physical System within the Khalifa University (Abu Dhabi). Within the Università degli Studi di Milano, he is the leader of the Secure Software Oriented Architectures Research Labs (SESAR).

FEKIH HASSEN Wiem (Dr.) – Mentor (black team)

UNIVERSITÄT PASSAU



Wiem has been a Post Doc at the Chair of Distributed Information Systems at the University of Passau since September 2020. She has received her PhD in computer science in February 2020; her thesis was under the co-tutelle program between ENSI (Tunisia) and INSA Lyon. She has also collaborated for many years with the University of Passau and the IRIXYS doctoral college.

GERL Armin (Dr.) – Mentor (yellow team)

UNIVERSITAT PASSAU



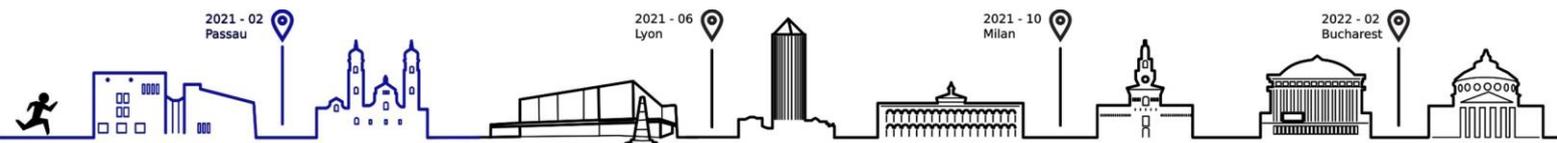
Armin is advisor of the Vice-President for Academic Infrastructure and IT, and a researcher at the University of Passau. He conducted his PhD in cotutelle supervision between University of Passau and INSA de Lyon on the topic 'Modelling. of a Privacy Language and Efficient Policy-based De-identification'. His main research interests are in the domain of privacy as well as research on sustainable and social digitisation. He continuously aims to connect and integrate computer science with other domains, conducting interdisciplinary and international research, to make the world a better place for future generations

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GRANITZER Michael (Prof. Dr.) – Block 2

UNIVERSITÄT PASSAU

Since 2017, Michael holds the Chair of Data Science at the University of Passau, following a Professorship for Media Computer Science since 2012 (also at University of Passau). Before, he was Scientific Director of the Know-Center Graz (since 2010) and assistant professor at the Knowledge Technology Institute of Graz University of Technology (since 2008). In 2011, he had the pleasure to visit Mendeley Ltd as a Marie Curie Research Fellow working on machine learning and information retrieval in academic knowledge bases. Research fields are in applied machine learning, data science and information retrieval and NLP.



HEUDECKER Claudia – Block 7 and Mentor (green team)

UNIVERSITÄT PASSAU

Claudia has studied law with specialisation in IT- and Media- Law at the University of Passau, her term paper focusing on the legal and ethical implications of autonomous driving. She is currently employed at the Chair for Civil Law, Business Law, Data, Media and Information Law led by Prof. Dr. Hennemann, writing her PhD-thesis about the necessity of "Human Rights for Artificial Intelligence".



KAVUN Elif Bilge (Dr., Ass. Prof.) - Jury

UNIVERSITÄT PASSAU

Elif is an Assistant Professor in Secure Intelligent Systems at the Faculty of Computer Science and Mathematics at the University of Passau since October 2020. Previously, she was a Lecturer in Cybersecurity at The University of Sheffield (UK), Digital Design Engineer for Crypto Cores at the Digital Security Solutions division, Infineon (Munich) and a research assistant at Horst Goertz Institute for IT Security, Ruhr University Bochum (Germany). She completed a PhD in Embedded Security in 2015 at the Faculty of Electrical Engineering and Information Technology, Ruhr University Bochum. Her research interests cover security of intelligent systems, secure hardware systems, design and implementation of cryptographic primitives, lightweight cryptography, and side-channel attacks & countermeasures.



KOSCH Harald (Prof. Dr.) – Mentor (red team)

UNIVERSITÄT PASSAU

Harald studied computer science with a minor in electrical engineering at the Technical University of Munich. There he wrote his intermediate diploma. He did Maîtrise and DEA in computer science at the Université Claude Bernard in Lyon. From 2009 to 2011 he was Dean of the Faculty of Computer Science and Mathematics (FIM) in Passau and thereby a member of the extended university management. Since December 2016, he has been Vice President of the University of Passau.



NEGRU Catalin (Dr.) – Block 8

POLITEHNICA BUCHAREST



Catalin works as a Researcher at the Research Infrastructure for Product Development, Intelligent Innovative Processes and Services (PRECIS) within the Faculty of Automatic Control and Computers at the University Politehnica of Bucharest (UPB). He has a Ph.D. in Computer Science at UPB, Computers Science Department. His main research interests are: Big Data, Edge Computing, Resource management and Energy efficiency.

OLARU Andrei (Dr., Ass. Prof) – Mentor (green team)

POLITEHNICA BUCHAREST



Andrei Olaru is passionate about many things, among which his research in Artificial Intelligence and Multi-Agent Systems, his teaching activity in formal and computer languages, as well as his management tasks in various projects, both in research and in education.

POP Florin (Prof. DR.) – Block 8

POLITEHNICA BUCHAREST



Florin is a professor at Politehnica Bucharest, where he received his PhD in Computer Science in 2008. His main research interests are on large scale distributed systems concerning scheduling and resource management, adaptive methods, multi-criteria optimization methods, Grid middleware tools and applications development, prediction methods, self-organizing systems, data retrieval and ranking techniques, contextualized services in distributed systems, evaluation using modeling and simulation. Florin was awarded with two Prizes for Excellence from IBM and Oracle, five Best Paper Award and one IBM Faculty Award. He is involved in many national projects and international research projects, is active reviewer of articles and Editor for several journals, and is IEEE Senior Member and ACM Member. Florin is a senior researcher at the Romanian National Institute for Research and Development in Informatics.

PORTIER Pierre-Edouard (Dr., Ass. Prof.) – Block 2

INSA LYON



Since 2011, Pierre-Edouard is associate professor at INSA Lyon Computer Science & Information Technologies (CS&IT) department. After his MsC; he obtained in 2010 a PhD Degree in Computer Science, in the field of digital humanities. His research addresses topics in the fields of machine learning and soft computing techniques applied to big data analytics (e.g. anomaly detection, crash prediction, traffic forecasting...), semantic web search and document engineering.

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PROST Frédéric (Dr. Ass. Prof.) – Block 5 and Jury
UNIVERSITE GRENOBLE ALPES

Frédéric is associate professor at the Université Grenoble Alpes. His research area is the theory of programming languages. He works on the problem of non-interference and its implication in confidentiality. He is also the host of a scientific podcast “TIC Talk du Laboratoire LIG”, in which he has discussions about the impact of IT on society and culture.



SAYAD Nabila
INSA LYON

International Project Assistant in the International Relations Office at INSA Lyon since 2011, Nabila is actively involved in the Fit Europe project and more generally provides INSA with administrative support for the organisation of meetings, the collection of supporting documents and the coordination of project activities.



TREML Alexander - Jury
REGIOTHEK

Alex is the chief executive officer of Regiothek GmbH. He studied computer science at the University of Passau with a focus on information and communication systems and graduated with a Master's degree. Directly after, he became jointly responsible for Regiothek, a spin-off of the University of Passau that benefitted greatly from his experience as a research assistant at the Chair of Data Science. Regiothek became famous after winning the *Innovation in Politics Awards 2018* (category Ecology). Alex is an enthusiastic supporter of sustainable food: it was the good bread from the weekly farmers' market during his studies that led him to a student job at an organic bakery...and finally to the Regiothek concept!



WOSSIDLO Roland – Block 6 and Mentor (blue team)
ATOS

Roland is Managing Director of Atos International Germany GmbH. In 2018, he was appointed Director Performance management in Atos Global HR. In his 41 years professional background, he worked in different assignments for SiemensAG, Germany and Dubai. He joined ATOS in 2011.



TEAMS

Team 1 (red team)

- Kseniia Vasylieva, Uni Passau
- Salim Hafid, INSA Lyon
- Maria-Teodora Muteanu, Politehnica Bucharest
- Davide Balice, Uni Milano

Mentors:

- *Harald Kosch*
- *Alex Awada*

Team 2 (blue team)

- Roxane Debord, INSA Lyon
- Mohammad Faisal, Politehnica Bucharest
- Niklas Beierl, Uni Passau
- Andrea Anfuso

Mentors:

- *Roland Wossidlo*
- *Lionel Brunie*

Team 3 (green team)

- Denisa-Gabriela Balan, Politehnica Bucharest
- Ousmane Touat, INSA Lyon
- Naoufel Moudda, Uni Passau
- Massimo Bertocchi

Mentors:

- *Claudia Heudecker*
- *Andrei Olaru*

Team 4 (yellow team)

- Manuel Lehner, Uni Passau
- Loredana Soare, Politehnica Bucharest
- Grazia-Giulia Ribbeni, INSA Lyon
- Matteo Calabrese

Mentors:

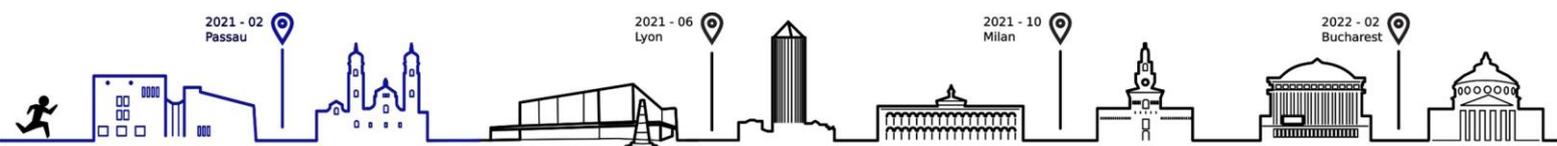
- *Amélie Cordier*
- *Armin Gerl*

Team 5 (black team)

- Gianina-Teodora Achim, Politehnica Bucharest
- Felix Boelz, Uni Passau
- Corentin Laharotte, INSA Lyon
- Marco Pedrinazzi

Mentors:

- *Wiem Fekih Hassen*
- *Stelvio Cimato*





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