



**AMERICAN
UNIVERSITY OF BEIRUT**
**SULIMAN S. OLAYAN SCHOOL
OF BUSINESS**



**AMERICAN
UNIVERSITY OF BEIRUT**
**CENTER FOR ADVANCED
MATHEMATICAL SCIENCES**

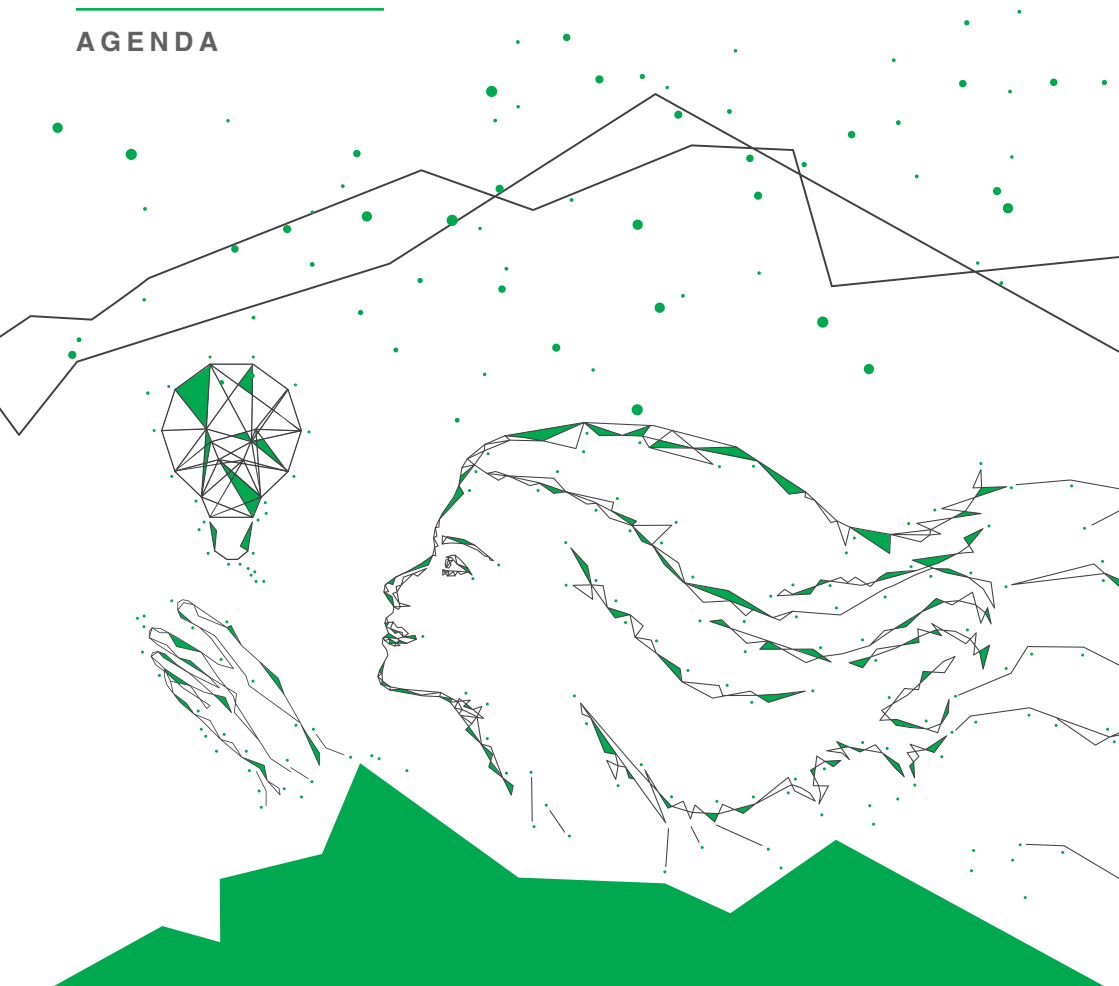


WOMEN IN DATA SCIENCE
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DATA SCIENCE RESEARCH TALKS CAMS-WIDS@AUB RESEARCH WORKSHOP

APRIL 28, 2023

AGENDA



9:30 am – 10:30 am

RECRUITMENT INFORMATION SESSION

Application and admission for the PhD program at University of Michigan
Target audience: Undergrad and Graduate students

Joline Uichanco, PhD

Associate Professor of Technology and Operations
Director, PhD Program
Ross School of Business
University of Michigan, MI, USA
Senior Research Scientist
Amazon

10:30 am – 11:00 am

BREAK

Data Science Research Talks CAMS-WIDS RESEARCH WORKSHOP

Moderated By

Lama Moussawi and Sara Nejm

11:00 am – 11:40 am

RESEARCH TALK

Hiba Baroud, PhD

A. James and Alice B. Clark Foundation Faculty Fellow
Associate Chair, Civil and Environmental Engineering
Associate Professor of Civil and Environmental Engineering
Associate Professor of Computer Science
Director of Graduate Recruiting for Civil Engineering
Vanderbilt School of Engineering
Vanderbilt University, TN, USA

On Who Contributes to Disaster Preparedness?

Predicting Decision Making in Social Dilemmas of Disaster Resilience

11:40 am – 11:50 am

Q&A

11:50 am – 12:00 pm

BREAK

12:00 pm – 12:40 pm

RESEARCH TALK

Joline Uichanco, PhD

Associate Professor of Technology and Operations
PhD Program Director
Michigan Ross School of Business
University of Michigan
Michigan, USA
& Senior Research Scientist
Amazon, USA

On Overcoming the Profitability Problem of E-Commerce Retail

Using Data-Driven Product Framing

12:40 pm – 12:50 pm

Q&A

12:50 pm – 1:20 pm

RESEARCH TALK

Ghina Al Atat

PhD student
IMDEA Networks Institute
Universidad Carlos III de Madrid, Spain

On Double Sided Platforms with Stochastic Supply and Demand

1:20 pm – 1:30 pm

Q&A

1:30 pm – 2:30 pm

LUNCH BREAK

2:30 pm – 3:10 pm

RESEARCH TALK

Elsa Arcaute, PhD

Professor of Complexity Science
Center for Advanced Spatial Analysis
University College London
London, United Kingdom

On Constructing Spatial Communities for Interventions

3:10 pm – 3:20 pm

Q&A

3:20 pm – 3:30 pm

BREAK

3:30 pm – 4:10 pm

RESEARCH TALK

Eileen Martin, PhD (virtual)

Assistant Professor
Department of Geophysics
Applied Math and Statistics Department
Hydrologic Science and Engineering Program
Colorado School of Mines
Golden CO, USA

Assistant Professor (on-leave)
Department of Mathematics
Program in Computational Modeling and Data Analytics
Department of Geosciences
Virginia Tech
Blacksburg, VA, USA

On New Algorithmic Approaches for Large-scale Seismology

4:10 pm – 4:20 pm

Q&A

4:20 pm – 4:30 pm

BREAK

4:30 pm – 5:10 pm

RESEARCH TALK

Karianne Bergen, PhD (virtual)

Assistant Professor of Earth, Environmental, & Planetary Sciences
Assistant Professor of Computer Science
Data Science Initiative
Department of Earth, Environmental, & Planetary Sciences
Brown University, RI, USA

On Interpretation and evaluation of machine learning-based earthquake monitoring

5:10 pm – 5:20 pm

Q&A

5:20 pm – 5:30 pm

CLOSING