

Program of ASONAM 2026 - Research Track

Rabat, Morocco | 14 sessions | 30 full + 34 short = 1580 min | 2 parallel tracks

All times in Morocco Time Zone - GMT + 1

August 24th

Workshops / Tutorials / PhD Track

	19:30 – 21:30	Reception	
Day	Time	Track A	Track B
Day 1 - 25 August 2026		Keynote 1 - Prof. Huan Liu (Arizona State University, USA): “Interdisciplinary Intelligence: AI, Data, and Social Sciences in Dialogue”	
	09:00 - 10:00	Coffee Break	
	10:00 - 10:30		
	10:30 - 12:30	Research-1 (2R+3S) - 120min Misinformation & Fact-Checking	Research-2 (2R+3S) - 120min Narratives, Influence Ops & Coordination
	12:30 - 14:00	Lunch Break	
	14:00 - 16:00	Research-3 (3R+1S) - 110min Scholarly Networks & Graph Summarization	Research-4 (3R+1S) - 110min Hypergraphs & Higher-Order Networks
Day 2 - 26 August 2026		Keynote 2 - Prof. Nadia Berthouze (University College London, UK): “Embodied Social Behaviour: Affective Computing and Body Sensing for Health and Wellbeing”	
	09:00 - 10:00	Coffee Break	
	10:00 - 10:30		
	10:30 - 12:30	Research-5 (1R+4S) - 110min Graph Neural Networks & Representation Learning	Research-6 (2R+3S) - 120min Anomaly, Fraud & Bot Detection
	12:30 - 14:00	Lunch Break	
	14:00 - 16:00	Research-7 (2R+3S) - 120min Temporal & Dynamic Graph Learning	Research-8 (2R+3S) - 120min LLMs, Retrieval & Learning on Networks
	16:00 - 16:30	Coffee Break	
	16:30 - 18:00	Panel Session “How AI-driven social networking and media platforms shaped and influenced societal, psychological and personal norms and principles?” Panellists: TBD	
Day 3 - 27 August 2026	19:30 – 22:00	Banquet + Awards Ceremony	
		Keynote 3 - Prof. Nitesh Chawla (University of Notre Dame, USA): “Mind the Gap: Grounding Foundation Models with Local Context for Real-World Applications”	
	09:00 - 10:00	Coffee Break	
	10:00 - 10:30		
	10:30 - 12:30	Research-9 (2R+3S) - 120min Bias, Sentiment & Signed Networks	Research-10 (2R+3S) - 120min Social Media Analytics & Online Behavior
	12:30 - 14:00	Lunch Break	
	14:00 - 16:00	Research-13 (3R+1S) - 110min Community Detection & Clustering	Research-14 (2R+3S) - 120min * Crisis, Computational Social Science & Applications
	16:00 - 16:30	Coffee Break	
	16:30 - 18:00	Research-11 (1R+3S) - 90min Hate Speech, Toxicity & Cyberbullying	Research-12 (3R) - 90min Influence, Diffusion & Network Structure
	18:00	Closing	

**Program of
ASONAM 2026 - FAB 2026 - FOSINT-SI 2026, HI-BI-BI 2026 and
Workshops**

All times in Morocco Time Zone - GMT + 1

August 24th				
	Room 1	Room 2	Room 3	Room 4
08:30 – 10:00				Tutorial I
10:00 – 10:30	Coffee Break C-TBD			
10:30 – 12:30	Workshop Session I	PhD Track I	Workshop Session III	Tutorial II
12:30 – 14:00	Lunch Break -			
14:00 – 16:00	Workshop Session II	PhD Track II	Workshop Session IV	Tutorial III
19:30 – 21:30	Reception			

August 25th				
	Room C-TBD1	Room C-TBD2	Room C-TBD3	Room C-TBD4
08:30 - 09:00	Opening Remarks from organizers			
09:00 - 10:00	C-TBD1 Keynote I:			
10:00 - 10:30	Coffee Break C-TBD			
10:30 - 12:30		Multidisciplinary I	Industrial Track I	FOSINT-SI I
12:30 - 14:00	Lunch Break -			
14:00 - 16:00		Multidisciplinary II	Industrial Track II	FOSINT-SI II
16:00 - 16:30	Coffee Break C-TBD			
16:30 - 18:00		Multidisciplinary III	Industrial Track III	Demos

August 26th				
	Room C-TBD1	Room C-TBD2	Room C-TBD3	Room C-TBD4
09:00 – 10:00	C-TBD1 Keynote II:			
10:00 – 10:30	Coffee Break C-TBD			
10:30 – 12:30		Multidisciplinary IV	Industrial Track IV	FAB I
12:30 – 14:00	Lunch Break -			
14:00 – 16:00		HIBIBI I	Journal Track I	FAB II
16:30 - 18:00	Panel Session "How AI-driven social networking and media platforms shaped and influenced societal, psychological and personal norms and principles?" Panellists: TBD			
19:30 – 21:30	Banquet + Awards Ceremony			

August 27th				
	Room C-TBD1	Room C-TBD2	Room C-TBD3	Room C-TBD4
09:00 - 10:00	C-TBD1 Keynote III:			
10:00 - 10:30	Coffee Break C-TBD			
10:30 - 12:30		HIBIBI II	Journal Track II	
12:30 - 14:00	Lunch Break -			
14:00 - 16:00		HIBIBI III	Journal Track III	
16:00 - 16:30	Coffee Break C-TBD			
16:30 - 18:00	Research track sessions (see pages 2 of the program)			
18:00	C-TBD1 Closing Remarks from organizers			

Please note that sessions of other tracks, symposiums, and workshops will be added soon

Session Title	Session ID	Session Time	Authors	Title	Type	Minutes
Misinformation & Fact-Checking	Research - 1 (2R+3S)	25 August 2026 10:30 - 12:30	Marius-Vasile Macarie et al.	CHRONO-HyperECA: Auditable Higher-Order Propagation for Misinformation and Rumour Detection	Full	30
			Harith Alani and Gregoire Burel	Resistance in the Wild: Reactions to Automated Corrections of False Claims on Platform X	Full	30
			Sinclair Schneider et al.	LLM-based Detection of Manipulative Political Narratives	Short	20
			Luigi Lomasto et al.	Exploring Network-Aware Intervention Policies for Information Disorder in Social Networks: A Simulation-Based Framework	Short	20
			Joosung Kim et al.	Peak-DNA: Recurrent Morphology in Global Narrative Propagation	Short	20
Narratives, Influence Ops & Coordination	Research - 2 (2R+3S)	25 August 2026 10:30 - 12:30	Mohammad Hammas Saeed et al.	ALETHEIA: Combating Social Media Influence Campaigns with Graph Neural Networks	Full	30
			Ridwan Amure et al.	Forecasting Cross-Platform Narrative Trajectories: A Temporal Modeling Framework	Full	30
			Nitin Agarwal et al.	How Symbolic Structures Shape Narrative Diffusion: Lessons from 2025 Indonesian Protests	Short	20
			Ridwan Amure et al.	Multiplex CI-FSA: Towards Scalable Discovery of Influential Focal Structures in Multiplex Networks	Short	20
			Hadhami ELOUNI et al.	PERLE : A Rule-Based Interpretable Approach for Detecting Peer Effects	Short	20
Scholarly Networks & Graph Summarization	Research - 3 (3R+1S)	25 August 2026 14:00 - 16:00	Ryotaro Matsuo and Ryo Nakamura	Evaluating the Effectiveness of Graph Summarization under Partial Observation	Full	30
			Zhao Song et al.	Which Coauthor Should I Nominate in My 99 ICLR Submissions? A Mathematical Analysis of the ICLR 2026 Reciprocal Reviewer Nomination Policy	Full	30
			Maddalena Amendola et al.	Analyzing Gender Representation in Expert Finding Methods for Community Q&A	Full	30
			Ghazal Khodabandeh et al.	Auditing Semantic and Structural Representations for Patent Outcome Prediction in Heterogeneous Temporal Networks	Short	20

Session Title	Session ID	Session Time	Authors	Title	Type	Minutes
Hypergraphs & Higher-Order Networks	Research - 4 (3R+1S)	25 August 2026 14:00 - 16:00	Vincenzo Auletta et al.	Marginal Cohesion Centrality: Identifying Glue Nodes in Hypergraphs	Full	30
			Bram Mornie et al.	Efficient Counting of Higher-Order Network Motifs in Large Hypergraphs	Full	30
			Pedro Henrique Ruas et al.	Tridimensional Social Network Search and Clustering	Full	30
			Martin WAFFO KEMGNE et al.	HyFALO: Detecting Communities in Hypergraphs with Formal Concept Analysis	Short	20
Graph Neural Networks & Representation Learning	Research - 5 (1R+4S)	26 August 2026 10:30 - 12:30	Achraf Ikisse et al.	PrivacyGuard: Graph-Based Data Leakage Detection in P4-Enabled SDN	Full	30
			Amin Mahmoudi and Dariusz Jemielniak	A Dynamical Systems Perspective on Oversmoothing in Graph Neural Networks	Short	20
			Ziv Barretto et al.	From Legal Text to Legal Graphs: Judgment Prediction with Graph Neural Networks	Short	20
			Noureddine Khender et al.	SKiL-GAT: Skill-Informed Learning via Graph Attention Tracing for Robust Student Struggle Detection Under Data Missinanness	Short	20
			Gian Franco Joel Condori Luna et al.	Mining Urban Epidemiological Networks: Risk-Aware KG-GNN Embeddings for Vaccination Site Optimization [REMOTE]	Short	20
Anomaly, Fraud & Bot Detection	Research - 6 (2R+3S)	26 August 2026 10:30 - 12:30	Fatemeh Gholamzadeh Nasrabadi et al.	From Flow to Features: Directed Learnable Positional Encodings for Anti-Money Laundering in Transaction Networks	Full	30
			Pedro Sanvido and Isabel Manssour	BotCompletion: Optimizing Context and Instructions for LLM-Based Bot Detection	Full	30
			oumaima FADI et al.	Smart Contract Anomaly Detection: The LLM Era	Short	20
			Gheida Shahrour et al.	Ghost in the Data: A Multi-Signal Detection System for Synthetic Accounts & Churn Distortion in CQA Platforms	Short	20
			JongHwi Song	Structural and Behavioral Analysis of Moltbook: A Comparative Study with Reddit	Short	20

Session Title	Session ID	Session Time	Authors	Title	Type	Minutes
Temporal & Dynamic Graph Learning	Research - 7 (2R+3S)	26 August 2026 14:00 - 16:00	Namrata Banerji and Tanya Berger-Wolf	DynaSTy: A Framework for SpatioTemporal Node Attribute Prediction in Dynamic Graphs	Full	30
			Mehdi Naima et al.	RLDetect : Random Link Detection in Link Streams	Full	30
			Aravinda Jatavallabha et al.	Dynamic Graph Representation Learning using Temporal and Topological Information	Short	20
			Sara Abagnale et al.	A Framework for Efficient Semantic and Structural Analysis of Decentralized Social Networks	Short	20
			Nahid Abdolrahmanpour Holagh et al.	Sem2Edge: Semantic–Structural Temporal Modeling for Dynamic Link Prediction [REMOTE]	Short	20
LLMs, Retrieval & Learning on Networks	Research - 8 (2R+3S)	26 August 2026 14:00 - 16:00	Hao He et al.	Collaborative Spatial Learning with Multi-LLM Agents in Networked Social Experiments	Full	30
			Hodaka Matsuzaki et al.	Inductive Community-Graph Learning for Cross-Domain Detection of Malicious Coordinated Communities	Full	30
			Adnan Hoq and Tim Weninger	Evaluating LLMs as Human Surrogates in Controlled Experiments	Short	20
			Ranmaru Ishikawa et al.	Efficient Graph-Based Retrieval for LLMs via TF-IDF Hypergraphs	Short	20
			Koki Inoue et al.	Country Classification via Collective Decision Making over Segmented Image Geolocations	Short	20

Session Title	Session ID	Session Time	Authors	Title	Type	Minutes
Bias, Sentiment & Signed Networks	Research - 9 (2R+3S)	27 August 2026 10:30 - 12:30	Ngoc Kim Ngan Tran et al.	Do LLMs Share Human Biases? Assessing Model Alignment with Human Bias Perception in Partisan News	Full	30
			Zhuoyu Shi and Fred Morstatter	Gender Attribution in Causal Beliefs	Full	30
			BIANCAMARIA BOMBINO et al.	Annotation of Positive vs Negative User Interactions for Social Sign Prediction	Short	20
			SOUMYAJIT DATTA et al.	Public Reactions to Privilege and Accountability After a Fatal Road Crash: A Large-Scale Analysis of YouTube Discourse Using Language Models	Short	20
			Anass Sebbar et al.	Dynamic Sentiment Analysis for Cybersecurity Threat Perception Using Fuzzy Deep Learning Methods	Short	20
Social Media Analytics & Online Behavior	Research - 10 (2R+3S)	27 August 2026 10:30 - 12:30	Lingling Zhang et al.	Task-Level Inequality in DAO Work Systems: An Empirical Analysis of Participation, Rewards, and Skill Structure	Full	30
			Andrea Failla et al.	Structure, Topics, and Diffusion Effects of Bluesky Starter Packs	Full	30
			Alireza Mohammadinodooshan et al.	Beyond View Counts: Exposure and Engagement Dynamics of News on TikTok	Short	20
			Yuina Takahashi and Sho Tsugawa	Interplay between Emotional Dynamics and Network Structure on the Social Media Vent	Short	20
			Tessai Hayama and Manato Takano	Visual Homophily as a Mediating Factor in Online Social Network Structure	Short	20

Session Title	Session ID	Session Time	Authors	Title	Type	Minutes
Community Detection & Clustering	Research - 11 (3R+1S)	27 August 2026 14:00 - 16:00	ANASSE TAHBOUN et al.	LGPA: Log-Gravity Propagation Algorithm for Community Detection in Complex Networks	Full	30
			Martin Waffo Kemgne et al.	Shapley-Based Community Deception in Complex Networks	Full	30
			Yashar Talebirad et al.	JASPER: Jaccard-Based Community Search on Uncertain Graphs	Full	30
			Zihe Zhou and Samin Aref	Highway Algorithm: Overlapping Network Community Detection at Scale Using Sparse Backbones	Short	20
Crisis, Computational Social Science & Applications	Research - 12 (2R+3S)	27 August 2026 14:00 - 16:00	Nitin Agarwal et al.	When Grievance Mobilizes: Lessons from the 2025 Indonesian Protests	Full	30
			Vedat Dogan et al.	ICBeGraph: A Heterogeneous Graph Benchmark for International Crisis Behavior Events	Full	30
			Vedat Dogan et al.	Transition-Aware Conservative Offline Reinforcement Learning for Next Crisis Phase Forecasting on Temporal Heterogeneous Graphs	Short	20
			Yogesh Kuchimanchi and Charishma Reddy Yerra	A Social and Legal Discourse Analysis Of Women's Safety Narratives in India	Short	20
			Srikar Reddy Gadusu et al.	Multi-Modal Analysis of Social Media for Drug and Supplement Misuse	Short	20

Session Title	Session ID	Session Time	Authors	Title	Type	Minutes
Hate Speech, Toxicity & Cyberbullying	Research - 13 (1R+3S)	25 August 2026 16:30 - 18:00	Manuel Sandoval Madrigal et al.	It's Not Just Bullying, It's Who Does What: Context-aware Cyberbullying Role Detection	Full	30
			Nitin Agarwal et al.	Epidemic Modeling of Covert vs Overt Toxicity Transmission	Short	20
			Minh-Hao Van and Xintao Wu	Mitigating Hateful Content in Multimodal Memes with Vision-Language Models	Short	20
			Majid Alfifi et al.	Extremism Detection and Counter-Messaging with Large Language Models	Short	20
Influence, Diffusion & Network Structure	Research - 14 (3R)	25 August 2026 16:30 - 18:00	TAIKI IKEMOTO and SHO TSUGAWA	Influence Ranking Improvement via Link Addition in Social Networks	Full	30
			Francesco Di Cursi et al.	Layered Ego Networks in Email Communication: From Enron to the Jmail Archive	Full	30
			Lena Maier et al.	Understanding Network Formation in Post-Merger Integration using Exponential Random Graph Models	Full	30

Notes

1. Full = 30 min, Short = 20 min, incl. Q&A. R = Regular (full), S = Short. 14 sessions; all <=120 min.
2. The 16:30 slot (R-5, R-6) ends at 18:00 - each 90 min.
3. Remote presentations (blue: Papers 134 & 106 remote)
4. Dates are placeholders (assumes Aug 24 = workshops). Adjust to final Rabat sch