

Dr. Ilora Maity



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Date of Birth: 07 Sep 1986

Nationality: Indian

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ORCID: <https://orcid.org/0000-0002-8042-4123>

Google Scholar: <https://scholar.google.co.in/citations?hl=en&user=SbGeTGMAAAAJ>

ResearchGate: <https://www.researchgate.net/profile/Ilora-Maity>

ABOUT ME

Dr. Ilora Maity is a Research Associate at the University of Luxembourg, working within the SnT SIGCOM group. Her research focuses on designing scalable and intelligent network architectures, with particular emphasis on **software-defined networking (SDN)**, **quantum communication infrastructure (QCI)**, **network slicing**, and **satellite networks**. Dr. Maity has contributed to several multidisciplinary projects and has demonstrated strong leadership in research. She has a proven track record of successful collaboration with industrial partners, active participation in competitive funding proposals, and a strong portfolio of lead-author publications in top-tier journals. Additionally, she brings valuable experience in mentoring doctoral students.

EDUCATION

Doctor of Philosophy (Ph.D), 2021

Computer Science and Engineering

Indian Institute of Technology Kharagpur, West Bengal, India

Research Group: Smart Wireless Applications & Networking (**SWAN**) Lab

Thesis Title: Towards Scalable SDN: Enhancement in Data and Control Planes

Dissemination of Doctoral Thesis: Six international journals and one peer-reviewed conference

Master of Engineering (M.E.), 2011

Department of Computer Science and Technology

Bengal Engineering and Science University Shibpur, West Bengal, India (Currently IIST Shibpur)

Thesis Title: A CA based scheme for fault diagnosis in wsn

Bachelor of Technology (B.Tech.), 2008

Computer Science and Engineering

MCKV Institute of Engineering, West Bengal, India

West Bengal University of Technology (Currently MAKAUT, WB)

WORK EXPERIENCE

➤ **Designation:** Research Associate

Organization: University of Luxembourg

Research Group: Signal Processing and Satellite Communications (**SIGCOM**) group

Duration: June 2021 - Present

Roles and Responsibilities:

- Contributing to **EU, ESA, FNR**, and **SMC** projects.
- Writing proposals to funding agencies, including **FNR Core**, **EU-Horizon**, **ESA**, and the University of Luxembourg **Marie Speyer Excellence Grants**.
- Preparing comprehensive **technical reports** for project deliverables.
- **Presenting research progress** at regular project meetings.
- Collaborations with **industry and academic partners**.
- **Mentoring** PhD students.
- Publishing **research articles** in prestigious conferences and peer-reviewed journals.

➤ **Designation:** Postdoctoral Researcher

Organization: Aalto University, Finland

Research Group: MOSAIC Lab

Duration: January 2021 – April 2021

Project Experience:

- **Designation:** Technical Analyst
 - Organization:** Cognizant Technology Solutions India Private Ltd.
 - Duration:** September 2011 - July 2015
 - Role:** Software Developer
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RESEARCH LEADERSHIP AND PROJECT ACTIVITY

- **LUQCIA (SMC)**
 - Research on **demand-aware minimum cost QCI**.
 - Research on **scheduling key requests with key storage in minimum QCI**.
 - Led and published a paper in **IEEE Transactions on Quantum Engineering** in Nov. 2024.
 - Developed a **standalone application TAQNetQCI** based on the research.
GitHub Link: https://github.com/IlorMaity/TAQNet_App
 - **ASWELL (FNR CORE)**
 - Led the design of algorithms for **dynamic virtual network embedding (VNE)** and **virtual network function (VNF)** scheduling in NTN.
 - Led and published a paper in **IEEE WCNC 2022**.
 - Led and published a paper in **IEEE ICC Workshops 2023**.
 - Led and published a paper in **IEEE TCOM** in May 2024.
 - **SatNExV WI Y2.6 (ESA ARTES)**
 - Contributed to **system scenario and parameter definition**.
 - Led the development of **RL--based solutions for resource mapping** in an NGSO constellation.
 - Led and published a paper in **IEEE TVT** in Jun. 2024.
 - **ANCORSAT (ESA ARTES)**
 - Led the investigation of the standard **network function virtualization (NFV) orchestrator** for slicing satellite-based IoT services.
 - Led the development of the **Inter-Slice Scheduler (ISS)** software package that simulates the scheduling of satellite uplink bandwidth for satellite-based IoT services.
 - Led and published a paper in **IEEE Open Journal of the Communications Society** in Nov. 2023.
 - **Lux4QCI (EU)**
 - Research on **cost-efficient QCI deployment**.
 - Led and published a paper in **IEEE Globecom Workshops 2023**.
 - **ETHER (EU)**
 - Research on distributed SDN controller placement for multi-orbit satellite networks.
 - Led and published a paper **IEEE ICC Workshops 2025**.
 - **SDN-SaT (SMC)**
 - Contributed to **distributed SDN deployment** for NGSO systems.
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FUNDING PROPOSAL DEVELOPMENT

- **ESA SatNEx: Learning Space Networks Management 2022:** Participated actively in the proposal meetings and added contributions regarding SoTA analysis, identifying research problems and possible solutions, and task description.
- **ESA ITT 1-11108 TECHNOLOGIES AND TECHNIQUES FOR SATCOM BEYOND 5G NETWORKS 2022:** Added contribution regarding edge computing and network slicing.
- **Lux4QCI – DEP 2022:** Contributed to the proposal specially finalizing the layered system architecture.
- **SDN-SaT - FNR Joint Defense Call 2022:** Participated actively in the proposal meetings and added contribution regarding SoTA analysis, identifying technical challenges, project organization, and work package description.
- **LUNAVATAR – ANR/FNR Call 2022:** Participated in the proposal meetings and added contribution.
- **SELENE – FNR CORE 2022:** Participated actively in the proposal meetings and added contribution regarding slicing-based resource orchestration in lunar networks.
- **QUANTITI – FNR CORE 2022:** Added contribution regarding SDN/NFV-emulated joint multicarrier resource allocation and routing.
- **ReSoNet – FNR CORE 2023 Junior Track:** Led and submitted the proposal as PI.
- **SELENE – FNR CORE 2023:** Contributed to resubmitting the SELENE proposal.
- **LUNAVATAR - HORIZON-CL4-2024-HUMAN-01-07 2023:** Participated in the proposal meetings, and led the contributions of SIGCOM.
- **INSLICE - Marie Speyer Excellence Grants 2024:** Led and submitted the proposal as PI.
- **IQN – FNR CORE 2024:** Participated in the proposal meetings and added contribution regarding SoTA analysis, identifying technical challenges, project organization, and work package description.
- **ESA SatNExV 2024:** Contributed to the proposal regarding mesh satellite communications.
- **INSLICE - Marie Speyer Excellence Grants 2025:** Resubmitted the INSLICE proposal as PI.

MENTORSHIP ACTIVITIES

- **PhD student Muhammad Ahsan**
 - University of Luxembourg / Aug. 2024 – Present
 - **Thesis Title:** Algorithm Aspects of Network Slicing for the Next Generation Satellite Systems
- **PhD student Haftay Abreha**
 - University of Luxembourg / Dec. 2021 – Jun. 2025
 - **Thesis Title:** Optimized Service Provisioning for Next-Generation Applications with Satellite Edge Computing
 - **Current Position:** Research Associate at University of Luxembourg, Luxembourg
- **PhD student Mario Minardi**
 - University of Luxembourg / Jun. 2021 – Oct 2023
 - **Thesis Title:** Traffic Engineering Algorithms for Software Defined Satellite-Terrestrial networks
 - **Current Position:** Engineer at SES TechCom S.A., Luxembourg
- **PhD student Minu Tiwari**
 - IIT Kharagpur, India / Apr. 2017 – Nov 2023
 - **Thesis Title:** Resource-Aware Service Provisioning in Fog-Based IoT Systems

- **Current Position:** Research Engineer at Siemens Technology and Services Private Limited, India

➤ **MS student Ravi Dhiman**

- IIT Kharagpur, India / Jun. 2017 – Aug 2021
- **Thesis Title:** Controller Placement in SDN: Energy and Mobility-Aware Perspectives
- **Current Position:** Doctoral student at IMT Lucca, Italy

PUBLICATIONS

Articles > 40, Google Scholar Citations: 353, h-index: 11, i10-index: 12

JOURNAL PAPERS

1. Haftay Gebreslasie Abreha, **Ilori Maity**, Houcine Chougrani, Christos Politis and Symeon Chatzinotas, "On-board Content Caching with Dynamic Cache Reconfiguration in Multi-layer Satellite Edge Networks," in IEEE Open Journal of the Communications Society, Jun. 2025.
2. **Ilori Maity**, Junaid ur Rehman and Symeon Chatzinotas, "TAQNet: Traffic-Aware Minimum-Cost Quantum Communication Network Planning," in IEEE Transactions on Quantum Engineering, vol. 6, pp. 1-16, 2025, Art no. 4100216, DOI: 10.1109/TQE.2024.3509019.
3. Haftay Gebreslasie Abreha, Houcine Chougrani, **Ilori Maity**, Youssouf DRIF, Christos Politis and Symeon Chatzinotas, "Fairness-Aware VNF Mapping and Scheduling in Satellite Edge Networks for Mission-Critical Applications," in IEEE Transactions on Network and Service Management, vol. 21, no. 6, pp. 6716-6730, Dec. 2024, DOI: 10.1109/TNSM.2024.3452031.
4. **Ilori Maity**, Giovanni Giambene, Thang X. Vu, Chandrakanth Kesha and Symeon Chatzinotas, "Traffic-Aware Resource Management in SDN/NFV-Based Satellite Networks for Remote and Urban Areas," in IEEE Transactions on Vehicular Technology, vol. 73, no. 11, pp. 17400-17415, Nov. 2024, DOI: 10.1109/TVT.2024.3420807.
5. **Ilori Maity**, Thang X. Vu and Symeon Chatzinotas, "ReViNE: Reinforcement Learning-Based Virtual Network Embedding in Satellite-Terrestrial Networks," in IEEE Transactions on Communications, vol. 72, no. 10, pp. 6316-6327, Oct. 2024, DOI: 10.1109/TCOMM.2024.3400911.
6. Minu Tiwari, **Ilori Maity** and Sudip Misra, "RATE: Reliability-Aware Task Service in Fog-Enabled IoV Environments," in IEEE Transactions on Cognitive Communications and Networking, vol. 10, no. 4, pp. 1525-1534, Aug. 2024, DOI: 10.1109/TCCN.2024.3375524.
7. Kai Han, Bingbing Xu, Shengjun Guo, Wenbin Gong, Symeon Chatzinotas, **Ilori Maity**, Quanbing Zhan and Qianyi Ren, "Non-Grid-Mesh Topology Design for MegaLEO Constellations: An Algorithm Based on NSGA-III," in IEEE Transactions on Communications, vol. 72, no. 5, pp. 2881-2896, May 2024, DOI: 10.1109/TCOMM.2024.3354782.
8. Mario Minardi, Thang X. Vu, **Ilori Maity**, Christos Politis, Symeon Chatzinotas, "Traffic-Aware Virtual Network Embedding With Joint Load Balancing and Datarate Assignment for SDN-Based Networks," in IEEE Transactions on Network and Service Management, vol. 21, no. 5, pp. 4936-4948, Oct. 2024, DOI: 10.1109/TNSM.2024.3353079.
9. **Ilori Maity**, Houcine Chougrani and Symeon Chatzinotas, "Fairness-Aware Inter-Slice Scheduler for IoT Services Over Satellite," in IEEE Open Journal of the Communications Society, vol. 4, pp. 3040-3050, Nov. 2023, DOI: 10.1109/OJCOMS.2023.3331622.
10. **Ilori Maity**, Ravi Dhiman, and Sudip Misra, "EnPlace: Energy-Aware Network Partitioning for Controller Placement in SDN," IEEE Transactions on Green Communications and Networking, vol. 7, no. 1, pp. 183-193, Mar. 2023, DOI: 10.1109/TGCN.2022.3175901.
11. Minu Tiwari, **Ilori Maity** and Sudip Misra, "FedServ: Federated Task Service in Fog-Enabled Internet of Vehicles," in IEEE Transactions on Intelligent Transportation Systems, vol. 23, no. 11, pp. 20943-20952, Nov. 2022, DOI: 10.1109/TITS.2022.3186401.
12. **Ilori Maity**, and Tarik Taleb, "ReSQ: Reinforcement Learning-Based Queue Allocation in Software-Defined Queuing Framework," Journal of Networking and Network Applications, Volume 2, Issue 4, pp. 143-152, Nov. 2022, DOI: 10.33969/J-NaNA.2022.020402.
13. **Ilori Maity**, Sudip Misra, and Chittaranjan Mandal, "ETHoS: Energy-Aware Traffic Engineering for Sustainable Hybrid SDN," IEEE Transactions on Sustainable Computing, vol. 7, no. 4, pp. 875-886, 1 Oct.-Dec. 2022, DOI: 10.1109/TSUSC.2022.3164571.
14. **Ilori Maity**, Sudip Misra, and Chittaranjan Mandal, "SCOPE: Cost-Effective QoS-Aware Switch and Controller Placement in Hybrid SDN," IEEE Systems Journal, vol. 16, no. 3, pp. 4873-4880, Nov. 2021, DOI: 10.1109/JSYST.2021.3124280.

15. **Ilor** **Maity**, Sudip Misra, and Chittaranjan Mandal, "CORE: Prediction-Based Control Plane Load Reduction in Software-Defined IoT Networks," *IEEE Transactions on Communications*, vol. 69, no. 3, pp. 1835-1844, Mar. 2021, DOI: 10.1109/TCOMM.2020.3043760.
16. **Ilor** **Maity**, Sudip Misra, and Chittaranjan Mandal, "DART: Data Plane Load Reduction for Traffic Flow Migration in SDN," *IEEE Transactions on Communications*, vol. 69, no. 3, pp. 1765-1774, Mar. 2021, DOI: 10.1109/TCOMM.2020.3042271.
17. **Ilor** **Maity**, Ravi Dhiman, and Sudip Misra, "MobiPlace: Mobility-Aware Controller Placement in Software-Defined Vehicular Networks," *IEEE Transactions on Vehicular Technology*, vol. 70, no. 1, pp. 957-966, Jan. 2021, DOI: 10.1109/TVT.2021.3049678.
18. **Ilor** **Maity**, Ayan Mondal, Sudip Misra, and Chittaranjan Mandal, "Tensor-Based Rule-Space Management System in SDN," *IEEE Systems Journal*, vol. 13, no. 4, pp. 3921-3928, Dec. 2019, DOI: 10.1109/JSYST.2018.2879321.
19. Ayan Mondal, Sudip Misra, and **Ilor** **Maity**, "Buffer Size Evaluation of OpenFlow Systems in Software-Defined Networks," *IEEE Systems Journal*, vol. 13, no. 2, pp. 1359-1366, Jun. 2019, DOI: 10.1109/JSYST.2018.2820745.
20. Ayan Mondal, Sudip Misra and **Ilor** **Maity**, "AMOP: Performance Analysis of OpenFlow Systems in Software-Defined Networks," in *IEEE Systems Journal*, vol. 14, no. 1, pp. 124-131, May 2019, DOI: 10.1109/JSYST.2019.2912843.
21. **Ilor** **Maity**, Ayan Mondal, Sudip Misra, and Chittaranjan Mandal, "CURE: Consistent Update with Redundancy Reduction in SDN," *IEEE Transactions on Communications*, vol. 66, no. 9, pp. 3974-3981, Sept. 2018, DOI: 10.1109/TCOMM.2018.2825425.

CONFERENCE PAPERS

1. **Ilor** **Maity**, Konstantinos Ntontin, and Symeon Chatzinotas, "CoMOSat: Controller Placement in SDN-Enabled Multi-Orbit Satellite Networks," in *Proceedings of the IEEE International Conference on Communications (ICC)*, Montreal, Canada, 2025.
2. Kai Han, Shengjun Guo, Bingbing Xu, Wenbin Gong, Symeon Chatzinotas and **Ilor** **Maity**, "Topology Optimization Method in VLEO-LEO Satellite Networks Using Potential Game Theory", in *Proceedings of IEEE Global Communications Conference (GLOBECOM)*, Cape Town, South Africa, 2024, pp. 5114-5119, DOI: 10.1109/GLOBECOM52923.2024.10901527.
3. Haftay Gebreslasie Abreha, **Ilor** **Maity**, Houcine Chougrani, Christos Politis and Symeon Chatzinotas, "Resource-Aware On-board Content Caching in Multi-Layer Satellite Edge Networks", in *Proceedings of IEEE International Conference on Communications (ICC)*, Denver, CO, USA, 2024, pp. 3943-3949, DOI: 10.1109/ICC51166.2024.10622513.
4. **Ilor** **Maity** and Symeon Chatzinotas, "Cost-Efficient Network Planning for Quantum Communication Infrastructure", in *Proceedings of IEEE Globecom Workshops (GC Wkshps)*, Kuala Lumpur, Malaysia, 2023, pp. 1039-1044, DOI: 10.1109/GCWkshps58843.2023.10464831.
5. **Ilor** **Maity**, Thang X. Vu, and Symeon Chatzinotas, "D-Schedule: Dependency-Aware VNF Scheduling in Satellite-Terrestrial Networks", in *Proceedings of IEEE International Conference on Communications Workshops (ICC Workshops)*, Rome, Italy, 2023, pp. 1283-1288, DOI: 10.1109/ICCWorkshops57953.2023.10283666.
6. Haftay Gebreslasie Abreha, Houcine Chougrani, **Ilor** **Maity**, Van-Dinh Nguyen, Symeon Chatzinotas, and Christos Politis, "Fairness-Aware Dynamic VNF Mapping and Scheduling in SDN/NFV-Enabled Satellite Edge Networks", in *Proceedings of IEEE International Conference on Communications (ICC)*, Rome, Italy, 2023, pp. 4892-4898, DOI: 10.1109/ICC45041.2023.10279545.
7. Mario Minardi, Youssouf Drif, Thang X. Vu, **Ilor** **Maity**, Christos Politis and Symeon Chatzinotas, "SDN-based Testbed for Emerging Use Cases in Beyond 5G NTN-Terrestrial Networks," in *Proceedings of IEEE/IFIP Network Operations and Management Symposium*, Miami, FL, USA, 2023, pp. 1-6, DOI: 10.1109/NOMS56928.2023.10154319.
8. **Ilor** **Maity**, Thang X. Vu, Symeon Chatzinotas, Mario Minardi, "D-ViNE: Dynamic Virtual Network Embedding in Non-Terrestrial Networks", in *Proceedings of IEEE Wireless Communications and Networking Conference (WCNC)*, Austin, TX, USA, 2022, pp. 166-171, DOI: 10.1109/WCNC51071.2022.9771560.
9. Minu Tiwari, **Ilor** **Maity**, and Sudip Misra, "LOAN: Latency-Aware Task Offloading in Association-Free Social Fog-IoV Networks", in *Proceedings of IEEE Global Communications Conference (GLOBECOM)*, Madrid, Spain, December 2021, pp. 1-6, DOI: 10.1109/GLOBECOM46510.2021.9685399.

10. **Ilori Maity, Sudip Misra, and Chittaranjan Mandal, "Traffic-Aware Consistent Flow Migration in SDN," in Proceedings of the IEEE International Conference on Communications (ICC), Dublin, Ireland, 2020, pp. 1-6, DOI: 10.1109/ICC40277.2020.9148983.**
11. Baisakhi Das, Gunjan Bhattacharya, **Ilori Maity**, and Biplab K. Sikdar, "Impact of Inaccurate Design of Branch Predictors on Processors' Power Consumption," in Proceedings of the 9th IEEE International Conference on Dependable, Autonomic and Secure Computing, Sydney, NSW, pp. 335-342, December 2011, DOI: 10.1109/DASC.2011.73.
12. Gunjan Bhattacharya, **Ilori Maity**, Biplab K. Sikdar, and Baisakhi Das, "Exploring Impact of Faults on Branch Predictors' Power for Diagnosis of Faulty Module," in Proceedings of Asian Test Symposium, New Delhi, pp. 226-231, November 2011, DOI: 10.1109/ATS.2011.41.
13. **Ilori Maity**, Gunjan Bhattacharya, Sukanta Das, and Biplab K. Sikdar, "A Cellular Automata based Scheme for Diagnosis of Faulty Nodes in WSN," in Proceedings of IEEE International Conference on Systems, Man, and Cybernetics, Anchorage, AK, pp. 1212-1217, October 2011, DOI: 10.1109/ICSMC.2011.6083863.

BOOK CHAPTER

1. Nasiruddin Khan, **Ilori Maity**, Sukanta Das, and Biplab K. Sikdar, "A Cellular Automata Based Scheme for Energy Efficient Fault Diagnosis in WSN", International Conference on Cellular Automata, In: Sirakoulis, G.C., Bandini, S. (eds) Cellular Automata. ACRI 2012. Lecture Notes in Computer Science, vol 7495. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-33350-7_24.

CONTRIBUTIONS TO THE ACADEMIC COMMUNITY

- **Referee Services in Journals:** IEEE Network, International Journal of Communication Systems, IEEE Transactions on Green Communications and Networking, IEEE Transactions on Sustainable Computing, IEEE Wireless Communications, IEEE Transactions on Wireless Communications, IEEE Transactions on Communications, IEEE Wireless Communications Magazine, IEEE Systems Journal, IEEE Internet of Things Journal, IEEE Transactions on Network and Service Management, IEEE Transactions on Mobile Computing, Springer Cluster Computing, Pervasive and Mobile Computing, International Journal of Communication Systems, IEEE Transactions on Network Science and Engineering, IEEE Communications Letters, IEEE Transactions on Communications, IEEE Vehicular Technology Magazine, IEEE Transactions on Vehicular Technology, MDPI Electronics, MDPI Axioms, MDPI Aerospace, MDPI Applied Sciences, MDPI Sensors, IEEE JSAC 2024.
- **Referee Services in Conferences:** IEEE WCNC 2025, IEEE Globecom 2024, IEEE Globecom 2023, IEEE ICC 2023, International Conference on Frontiers in Computing and Systems (COMSYS), 2022, IEEE Globecom 2022, IEEE Infocom Workshops, 2022, International Conference on Frontiers in Computing and Systems (COMSYS), 2021, IEEE Globecom Workshops: Softwarized Next Generation Networks for IoT Services Workshop (SIGNIS), 2021, IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), 2016.
- **TPC Membership:**
 - **IEEE Globecom 2025, 2024, 2023 SAC Aerial Communication Track**
 - **IEEE ICC 2024 SAC Aerial Communication Track**
 - International Conference on Frontiers in Computing and Systems (**COMSYS**) 2022, 2021
 - Softwarized Next Generation Networks for IoT Services Workshop (**SIGNIS**) 2021
- **Editorial Board Membership:**
 - **International Journal of Wireless Communications and Mobile Computing.**

TEACHING ASSISTANTSHIPS

1. 01/07/19–31/12/19: **Programming and Data Structures**, Computer Science and Engineering / Indian Institute of Technology (IIT) Kharagpur / India
2. 01/01/19–30/06/19, 01/01/18–30/06/18, 01/01/17–30/06/17: **Software Engineering**, Computer Science and Engineering / IIT Kharagpur / India

3. 01/01/19–30/06/19, 01/01/17–30/06/17: **Software Engineering Laboratory**, Computer Science and Engineering / IIT Kharagpur / India
4. 01/07/18–31/12/18, 01/07/17–31/12/17: **Embedded Software Design and Validation**, Advanced Technology Development Centre / IIT Kharagpur / India
5. 01/07/16–31/12/16: **Programming and Data Structures Laboratory**, Computer Science and Engineering / IIT Kharagpur / India

OUTREACH ACTIVITIES

1. Delivered a talk on “**Software-defined networks for quantum communication infrastructure**” at the SnT/SES workshop at the University of Luxembourg on QCI RDI on 14/06/2022.
2. Delivered a talk on “**Agile network configuration for 5G internet-of-things services over satellite**” at the IPBG SDN Workshop at the University of Luxembourg on 23/09/2021.

MEMBERSHIPS

- **IEEE Senior Member**
- **IEEE Vehicular Technology Society Member**
- **IEEE Computer Society Member**
- **IEEE Communications Society Member**
- **IEEE Young Professional**

AWARDS AND ACHIEVEMENTS

- Selected as a **mentee** for the University of Luxembourg **ADVANCE** mentoring program 2025.
- Received **recognition for review contributions** to **International Journal of Communication Systems** (2023 and 2020).
- Received **fellowship for pursuing Ph.D degree** from **Ministry of Human Resource Development (MHRD), India** (2015).
- Recipient of Assimilator of the Quarter (**Best Newcomer**) award, **Cognizant Technology Solutions India Private Ltd.**, Kolkata, Q1 (2013).
- Recipient of award for **1st rank in M.E.** in the **Department of Computer Science and Engineering** at Bengal Engineering and Science University, Shibpur (2012).

LANGUAGES

- **English** (C2 Level)
- **Bengali** (C2 Level)
- **Hindi** (B1 Level)
- **German** (A2 Level)
- **Luxembourgish** (A2 Level)

REFERENCES

1. **Prof. Symeon Chatzinotas**, SIGCOM, SnT, University of Luxembourg, Email: Symeon.Chatzinotas@uni.lu
2. **Prof. Sudip Misra**, Department of Computer Science, Indian Institute of Technology, Kharagpur, India, Email: smisra@cse.iitkgp.ac.in
3. **Prof. Tarik Taleb**, Ruhr University Bochum, Germany, Email: Tarik.Taleb@rub.de