

Nassim Sehad
Doctoral Researcher
School common, ELEC
Department of Information and Communications Engineering
Communication Engineering
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Qualifications

Master's degree, Engineering and Technology, Université des Sciences et de la Technologie Houari Boumediene
Award Date: 1 Sept 2020

Bachelor's degree, Engineering and Technology, Université des Sciences et de la Technologie Houari Boumediene
Award Date: 1 Sept 2018

Employment

Doctoral Student , School common, ELEC

Aalto University
21 Sept 2021 → present

Doctoral Researcher

Doctoral Researcher
Department of Information and Communications Engineering
Aalto University
1 Mar 2021 → present

Doctoral Researcher

Doctoral Researcher
Communication Engineering
Aalto University
1 Oct 2021 → present

Research outputs

Generative AI for Immersive Communication : The Next Frontier in Internet-of-Senses Through 6G

Sehad, N., Bariah, L., Hamidouche, W., Hellaoui, H., Jantti, R. & Debbah, M., 23 Oct 2024, (E-pub ahead of print) In: IEEE Communications Magazine. 13 p.

Real-Time Immersive Aerial Video Streaming: A Comprehensive Survey, Benchmarking, and Open Challenges

Sharma, M. K., Farhat, I., Liu, C. F., Sehad, N., Hamidouche, W. & Debbah, M., 6 Sept 2024, In: IEEE Open Journal of the Communications Society. 5, p. 5680-5705 26 p.

Towards enabling reliable immersive teleoperation through Digital Twin: A UAV command and control use case

Sehad, N., Tu, X., Rajasekaran, A., Hellaoui, H., Jäntti, R. & Debbah, M., 26 Feb 2024, *Proceedings of the IEEE Global Communications Conference*. IEEE, 5 p. (IEEE Global Communications Conference).

Locomotion-Based UAV Control Toward the Internet of Senses

Sehad, N., Cherif, B., Khardraoui, I., Hamidouche, W., Bader, F., Jäntti, R. & Debbah, M., 1 May 2023, In: IEEE Transactions on Circuits and Systems II: Express Briefs. 70, 5, p. 1804-1808 5 p.

VR-based Immersive Service Management in B5G Mobile Systems: A UAV Command and Control Use Case

Taleb, T., Sehad, N., Nadir, Z. & Song, J., 15 Mar 2023, In: IEEE Internet of Things Journal. 10, 6, p. 5349-5363 15 p.

Virtual Reality and Multimedia Towards the Internet of Senses

Sehad, N., Cherif, B., Khardraoui, I., Bader, C., Jäntti, R. & Debbah, M., 2022.

Activities

Virtual Reality and Multimedia Towards the Internet of Senses

Sehad, N. (Speaker)

7 Nov 2022

XR-based UAV control

Sehad, N. (Speaker)

3 Nov 2022

Technology Innovation Institute

Sehad, N. (Visiting researcher)

7 Mar 2022 → 3 Sept 2022

Press/Media

Towards The Internet of Senses

Sehad, N.

15/11/2022

3 Media contributions

Projects

6,5 IELTS

2022	Lorem ipsum dolor sit amet
2021	Lorem ipsum dolor sit amet
2020	Lorem ipsum dolor sit amet
2019	Lorem ipsum dolor sit amet
2018	Lorem ipsum dolor sit amet
2017	Lorem ipsum dolor sit amet