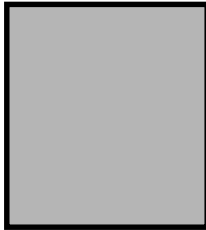


## PERSONAL INFORMATION

Nicolò Decarli



✉ nicolo.decarli@cnr.it

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input checked="" type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

## WORK EXPERIENCE

- 2020 - present **Researcher**  
National Research Council (CNR) - Institute of Electronics, Computer and Telecommunication Engineering (IEIIT), Bologna, Italy
- Research in wireless communications
- Research
- 2019 - 2020 **Project Manager and Technical Sales Engineer**  
Unitec S.p.a., Lugo, Italy
- Handling R&D projects concerning the design of Real Time Locating Systems (RTLS), Automated Guided Vehicles (AGV), Warehouse Management Systems (WMS) and supervising technical sales.
- Mechatronics, Robotics, Automation
- 2015 - 2019 **Project Engineer**  
Uniset S.r.l., Cesena, Italy
- Design and testing of wireless Real Time Locating Systems (RTLS) and Radio-Frequency Identification (RFID).
- Electronics and Internet-of-Things
- 2013 - 2014 **Consultant**  
Datalogic IP Tech S.r.l., Bologna, Italy
- Industrial research study on EPC Gen.2 RFID technology.
- Sensors and industrial automation, intellectual property
- 2011 - 2018 **Research fellow**  
DEIS/DEI - University of Bologna and CNIT, Cesena, Italy
- Research in wireless communications systems, radio localization and radio frequency identification. Support to teaching activities.
- Research and Education

## EDUCATION AND TRAINING

- 2010 - 2013 **Ph.D. in Electrical Engineering**  
University of Bologna, Italy.
- Visiting research period (12 months) at the Massachusetts Institute of Technology (MIT), USA
- Topic: communication and sensing with wideband signals, radio localization, RFID, signal processing

## JOB-RELATED SKILLS

Scientific and technological activities carried out under several research projects founded by public and private bodies (FP7, H2020, European Space Agency, MIUR, and private companies) dealing with novel solutions for wireless communications and sensing, with special emphasis on localization techniques, context-awareness, and energy efficient solutions for beyond-5G networks. Editorial service, organization and chairing of scientific conferences and workshops, evaluation of scientific projects.

## PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English

## PUBLICATIONS

## Database

Scholar: [https://scholar.google.it/citations?user=G\\_7zmS0AAAAAJ&hl=it](https://scholar.google.it/citations?user=G_7zmS0AAAAAJ&hl=it)  
 Orcid: <https://orcid.org/0000-0002-0359-8808>  
 Scopus: <https://www.scopus.com/authid/detail.uri?authorId=36179419100>  
 WoS: <https://publons.com/researcher/3984400/nicolo-decarli/>

## Publications

## Journal papers

- [J35] E. Testi, G. Torcolacci, N. Decarli, D. Dardari, E. Paolini, "Coded spatial random access in the near field," *IEEE IoT journal*, 2025.
- [J34] M. Lotti, N. Decarli, G. Pasolini, D. Dardari, "Real-time localization based on MIMO backscattering from retro-directive antenna arrays," *IEEE Transactions on Vehicular Technology*, 2025.
- [J33] A. Zanella, F. Guidi, N. Decarli, A. Guerra, A. Bazzi, B. M. Masini, "A general connectivity model for non-linear SWIPT systems with spatially randomly distributed relays," *IEEE Transactions on Communications*, vol. 73, no. 3, pp. 2088-2102, Mar. 2025.
- [J32] C. Giovannetti, N. Decarli, D. Dardari, "Performance bounds for velocity estimation with extremely large aperture arrays," *IEEE Wireless Communications Letters*, vol. 13, no. 12, pp. 3513-3517, Dec. 2024.
- [J31] D. Dardari, M. Lotti, N. Decarli, G. Pasolini, "Grant-free random access with backscattering selfconjugating metasurfaces," *IEEE Transactions on Cognitive Communications and Networking*, vol. 10, no. 5, pp. 1620-1634, Oct. 2024.
- [J30] S. Bartoletti, N. Decarli, B. M. Masini, C. Giovannetti, A. Zanella, A. Bazzi, R. A. Stirling-Gallacher, "Integration of sensing and localization in V2X sidelink communications," *IEEE Communications Magazine*, vol. 62, no. 8, pp. 185-191, Aug. 2024.
- [J29] H. Chen, M. F. Keskin, A. Sakhnini, N. Decarli, S. Pollin; D. Dardari, H. Wymeersch, "6G Localization and sensing in the near field: Features, opportunities, and challenges," *IEEE Wireless Communications*, vol. 31, no. 4, pp. 260-267, Aug. 2024.
- [J28] N. Decarli, S. Bartoletti, A. Bazzi, R. A. Stirling-Gallacher, B. M. Masini, "Performance characterization of joint communication and sensing with beyond 5G NR-V2X sidelink," *IEEE Transactions on Vehicular Technology*, vol. 83, no. 8, pp. 10044-10059, July 2024.
- [J27] C. Giovannetti, N. Decarli, S. Bartoletti, R. A. Stirling-Gallacher, B. M. Masini, "Target positioning accuracy of V2X sidelink joint communication and sensing," *IEEE Wireless Communications Letters*, vol. 13, no. 3, pp. 849-853, Mar. 2024.
- [J26] N. Decarli, A. Guerra, C. Giovannetti, F. Guidi, B. M. Masini, "V2X sidelink localization of connected automated vehicles," *IEEE Journal on Selected Areas in Communications*, special issue on 5G/6G Precise Positioning on Cooperative Intelligent Transportation Systems (C-ITS) and Connected Automated Vehicles (CAV), vol. 42, no. 1, pp. 120-133, Jan. 2024.
- [J25] G. Torcolacci, N. Decarli, D. Dardari, "Holographic MIMO communications exploiting the Orbital Angular Momentum," *IEEE Open Journal of the Communications Society*, vol. 4, pp. 1452-1469, July 2023.
- [J24] D. Dardari, M. Lotti, N. Decarli, G. Pasolini, "Establishing multi-user MIMO communications automatically using retrodirective arrays," *IEEE Open Journal of the Communications Society*, vol. 4, pp. 1396-1416, June 2023.
- [J23] A. Bazzi, C. Campolo, V. Todisco, S. Bartoletti, N. Decarli, A. Molinaro, A. O. Berthet, R. A. Stirling-Gallacher, "Towards 6G-V2X sidelink: Non-orthogonal multiple access in the autonomous mode," *IEEE Vehicular Technology Magazine*, 2023.
- [J22] G. Bartoli, A. Abrardo, N. Decarli, D. Dardari, M. Di Renzo, "Spatial multiplexing in near field MIMO channels with reconfigurable intelligent surfaces," *IET Signal Processing*, special issue on Signal Processing for Green and Reconfigurable Intelligent Surfaces-Aided 6G, 2023.
- [J21] S. Cavallero, N. Decarli, G. Cuozzo, C. Buratti, D. Dardari, R. Verdone, "Terahertz networks for future Industrial Internet of Things," *ITU J-FET on Network solutions*, 2023.
- [J20] D. Dardari, N. Decarli, A. Guerra, F. Guidi "LOS/NLOS near-field localization with a large reconfigurable intelligent surface," *IEEE Transactions on Wireless Communications*, vol. 21, no. 6, pp. 4282-4294, June 2022
- [J19] N. Decarli, D. Dardari, "Communication modes with large intelligent surfaces in the near field," *IEEE Access*, special section on Reconfigurable Intelligent Surface Aided Communications for 6G and Beyond, vol.

- 9, pp. 165648-165666, Dec. 2021.
- [J18] D. Dardari, N. Decarli, "Holographic Communication using Intelligent Surfaces," *IEEE Communications Magazine*, special issue on Reconfigurable Intelligent Surfaces: Design and Implementation, vol. 59, no. 6, pp. 35-41, June 2021.
- [J17] D. Dardari, N. Decarli, A. Guerra, M. Fantuzzi, D. Masotti, A. Costanzo, D. Fabbri, A. Romani, M. Drouguet, T. Feuillen, C. Raucy, L. Vandendorpe, C. Craeye, "An Ultra-low Power Ultra-wide Bandwidth Positioning System," *IEEE Journal of Radio Frequency Identification*, vol. 4, no. 4, pp. 353-364, Dec. 2020.
- [J16] G. Pasolini, A. Guerra, F. Guidi, N. Decarli, D. Dardari, "Crowd-based cognitive perception of the physical world: Towards the Internet of Senses," *MDPI Sensors*, 2018, 20, 2437, May 2020.
- [J15] N. Decarli, "On phase-based localization with narrowband backscatter signals," *EURASIP Journal on Advances in Signal Processing*, special issue on Network Localization, 2018:70, Nov. 2018.
- [J14] S. Bartoletti, N. Decarli, D. Dardari, M. Chiani, A. Conti, "Order-of-arrival of tagged objects," *IEEE Journal of Radio Frequency Identification*, vol. 2, no. 4, pp. 185-196, Dec. 2018.
- [J13] N. Decarli, M. Del Prete, D. Masotti, D. Dardari, A. Costanzo, "High-accuracy localization of passive tags with multisine excitations," *IEEE Transactions on Microwave Theory and Techniques*, vol. 66, no. 12, pp. 5894-5908, Dec. 2018.
- [J12] N. Decarli, D. Dardari "Time domain measurements of signals backscattered by wideband RFID tags," *IEEE Transactions on Instrumentation and Measurement*, vol. 67, no. 11, pp. 2548-2560, Nov. 2018.
- [J11] G. Prati, V. M. Puchades, M. De Angelis, L. Pietrantonio, F. Fraboni, N. Decarli, A. Guerra, D. Dardari "Evaluation of user behavior and acceptance of an on-bike system," *Elsevier Transportation Research Part F*, vol. 58, pp. 145-155, Oct. 2018.
- [J10] F. Guidi, N. Decarli, D. Dardari, F. Mani, R. D'Errico, "Millimeter-wave beamsteering for passive RFID tags localization," *IEEE Journal of Radio Frequency Identification*, vol. 2, no. 1, pp. 9-14, Mar. 2018.
- [J9] A. Costanzo, D. Dardari, J. Aleksandravicius, N. Decarli, M. Del Prete, D. Fabbri, M. Fantuzzi, A. Guerra, D. Masotti, M. Pizzotti, A. Romani, "Energy autonomous UWB localization," *IEEE Journal of Radio Frequency Identification*, vol. 1, no. 3, pp. 228-244, Sep. 2017.
- [J8] D. Dardari, N. Decarli, A. Guerra, A. Al-Rimawi, V. M. Puchades, G. Prati, M. De Angelis, F. Fraboni, and L. Pietrantonio, "High-Accuracy tracking using ultrawideband signals for enhanced safety of cyclists," *Hindawi Mobile Information Systems*, special issue on Connected vehicles: Applications and communication challenges, vol. 2017, article ID 8149348, Mar. 2017.
- [J7] F. Guidi, N. Decarli, D. Dardari, F. Natali, E. Savioli, M. Bottazzi, "A low complexity scheme for passive UWB-RFID: Proof of concept," *IEEE Communications Letters*, vol. 20, no. 4, Apr. 2016.
- [J6] N. Decarli, F. Guidi, D. Dardari, "Passive UWB RFID for tag localization: Architectures and design," *IEEE Sensors Journal*, vol. 16, no. 5, pp. 1385-1397, Mar. 2016.
- [J5] F. Guidi, N. Decarli, S. Bartoletti, A. Conti, D. Dardari, "Detection of multiple tags based on impulsive backscattered signals," *IEEE Transactions on Communications*, vol. 62, no. 11, pp. 3918-3930, Nov. 2014.
- [J4] N. Decarli, A. Giorgetti, D. Dardari, M. Chiani, M. Z. Win, "Stop-and-go receivers for non-coherent impulse communications," *IEEE Transactions on Wireless Communications*, vol. 13, no. 9, pp. 4821-4835, Sep. 2014.
- [J3] N. Decarli, F. Guidi, D. Dardari, "A novel joint RFID and Radar sensor network for passive localization: Design and performance bounds," *IEEE Journal on Selected Topics in Signal Processing*, vol. 8, no. 1, pp. 80-95, Feb. 2014.
- [J2] N. Decarli, A. Guerra, A. Conti, R. D'Errico, A. Sibille, D. Dardari, "Non-regenerative relaying for network localization," *IEEE Transactions on Wireless Communications*, vol. 13, no. 1, pp. 174-185, Jan. 2014.
- [J1] A. Conti, M. Guerra, D. Dardari, N. Decarli, M. Z. Win, "Network experimentation for cooperative localization," *IEEE Journal on Selected Areas in Communications*, vol. 30, no. 2, pp. 467-465, Feb. 2012.

### Conference Proceedings

- [C32] C. Giovannetti, T. Bacchielli, N. Decarli, A. Giorgetti, D. Dardari, "Bistatic Doppler estimation based on extremely large aperture arrays," in *Proc. of the European Signal Processing Conference (EUSIPCO 2025)*, Palermo, Italy, Sep. 2025.
- [C31] C. Giovannetti, N. Decarli, A. Zanella, D. Dardari, "Asymptotic behavior of localization and sensing in the near field of extremely large aperture arrays," in *Proc. of the IEEE International Conference on Communications (ICC 2025) Workshop on Near-Field Communications, Localization, and Sensing*, Montreal, Canada, June 2025.
- [C30] E. Testi, G. Torcolacci, N. Decarli, D. Dardari, E. Paolini, "A grant-free coded random access scheme for near-field communications," in *Proc. of the IEEE International Conference on Communications (ICC 2025)*, Montreal, Canada, June 2025.
- [C29] N. Decarli, A. Guerra, C. Giovannetti, F. Guidi, B. M. Masini, "Near-field localization of vehicles based on V2X sidelink communication," in *Proc. of the IEEE International Conference on Communications (ICC 2023) Workshop on Near-Field Localization and Communication for 6G*, Rome, Italy, June 2023.

- [C28] D. Dardari, M. Lotti, N. Decarli, G. Pasolini, "Establishing MIMO communications automatically using self-conjugating metasurfaces," in Proc. of the IEEE International Conference on Communications (ICC 2023), Rome, Italy, June 2023.
- [C27] M. Di Renzo, D. Dardari, N. Decarli, "LoS MIMO-arrays vs. LoS MIMO-surfaces," in Proc. of the European Conference on Antennas and Propagation (EuCAP 2023), Florence, Italy, Mar. 2023.
- [C26] G. Torcolacci, N. Decarli, D. Dardari, "OAM-based holographic MIMO using large intelligent surfaces," in Proc. of the IEEE Global Telecommunications Conference (GLOBECOM 2022), Rio de Janeiro, Brazil, Dec. 2022.
- [C25] N. Decarli, S. Bartoletti, B. M. Masini, "Joint communication and sensing in 5G-V2X vehicular networks," in Proc. of the IEEE Mediterranean Electrotechnical Conference (MELECON 2022), Palermo, Italy, June 2022.
- [C24] C. Campolo, A. Bazzi, V. Todisco, S. Bartoletti, N. Decarli, A. Molinaro, A. O. Berthet, R. A. Stirling-Gallacher, "Enhancing the 5G-V2X sidelink autonomous mode through full-duplex capabilities," in Proc. of the IEEE Vehicular Technology Conference (VTC2022-Spring), Helsinki, Finland, June 2022.
- [C23] S. Bartoletti, N. Decarli, B. M. Masini, "Sidelink 5G-V2X for integrated sensing and communication: the impact of resource allocation," in Proc. of the IEEE International Conference on Communications (ICC) Workshop on Synergies of communication, localization, and sensing towards 6G, Seoul, South Korea, May 2022.
- [C22] N. Decarli, D. Dardari, "Beamspace modeling of multi-mode communications with large intelligent surfaces," in Proc. of the IEEE Asilomar Conference on Signals, Systems, and Computers, Nov. 2021. Invited paper.
- [C21] D. Dardari, N. Decarli, A. Guerra, F. Guidi, "Localization in NLOS conditions using large reconfigurable intelligent surfaces," in Proc. of the IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC), Lucca, Italy, Sep. 2021. Invited paper.
- [C20] D. Fabbri, N. Decarli, A. Guerra, A. Romani, D. Dardari, "High-accuracy positioning of battery-less hybrid Gen2 UHF-UWB tag," in Proc. of the IEEE Asilomar Conference on Signals, Systems, and Computers, Oct. 2020.
- [C19] D. Dardari, N. Decarli, D. Fabbri, A. Guerra, M. Fantuzzi, D. Masotti, A. Costanzo, A. Romani, M. Drouguet, T. Feuillen, C. Craeye, C. Raucy, L. Vandendorpe, "An ultra-wideband battery-less positioning system for space applications," in Proc. of the IEEE International Conference on RFID - Technology & Application (RFID-TA 2019), Pisa, Italy, Sep. 2019.
- [C18] M. Del Prete, D. Masotti, N. Decarli, D. Dardari, A. Costanzo, "Exploitation of multi-sine intermodulation for passive backscattering UWB localization," in Proc. of the IEEE International Microwave Symposium (IMS 2018), Philadelphia, Pennsylvania, USA, June 2018.
- [C17] J. Aleksandravicius, N. Decarli, A. Guerra, D. Dardari, "High-Accuracy Localization of Backscattering UWB Tags: Implementation and Experimental Results," in Proc. of the IEEE International Conference on RFID - Technology & Application (RFID-TA 2017), Warsaw, Poland, Sep. 2017. Invited paper.
- [C16] F. Guidi, N. Decarli, D. Dardari, F. Mani, R. D'Errico, "Passive Millimeter-Wave RFID using Backscattered Signals," in Proc. of the IEEE Global Telecommunications Conference Workshop (Localization and Tracking: Indoors, Outdoors, and Emerging Networks, GLOBECOM 2016), Washington, DC, USA, Dec. 2016.
- [C15] A. Guerra, F. Guidi, L. Ahtaryieva, N. Decarli, D. Dardari, "Crowd-Based Personal Radars for Indoor Mapping using UWB Measurements," in Proc. of the 6 IEEE International Conference on Ubiquitous Wireless Broadband (ICUWB 2016), Nanjing, China, Oct. 2016.
- [C14] D. Dardari, N. Decarli, A. Guerra, F. Guidi, "The future of ultra-wideband localization in RFID," in Proc. of the IEEE International RFID Conference, (IEEE RFID 2016), Orlando, Florida, USA, May 2016. Invited paper.
- [C13] N. Decarli et al., "The GRETA architecture for energy efficient radio identification and localization," in Proc. of the EURASIP Workshop on RFID Technology (EURFID 2015), Oberaudorf, Germany, Oct. 2015.
- [C12] S. Bartoletti, N. Decarli, A. Guerra, F. Guidi, D. Dardari, A. Conti, "Energy-based order of arrival estimation via UWB-UHF RFID," in Proc. of the EURASIP Workshop on RFID Technology (EURFID 2015), Oberaudorf, Germany, Oct. 2015.
- [C11] A. Guerra, N. Decarli, F. Guidi, D. Dardari, "Energy sprinklers for passive UWB RFID," in Proc. of the IEEE International Conference on Ultra-Wideband, (ICUWB 2014), Paris, France, Sep. 2014.
- [C10] S. Bartoletti, N. Decarli, A. Guerra, F. Guidi, D. Dardari, A. Conti, "Order of arrival estimation via UHF-UWB RFID," in Proc. of the IEEE International Conference on Communications Workshops (Advances on Network Localization and Navigation, ICC 2014), Sidney, Australia, June 2014.
- [C9] N. Decarli, D. Dardari, "Ziv-Zakai Bound for time delay estimation of unknown deterministic signals," in Proc. of the IEEE International Conference on Acoustic Speech and Signal Processing (ICASSP 2014), Florence, Italy, May 2014.
- [C8] N. Decarli, D. Dardari, "RFID and Radar localization: A position error bound analysis," in Proc. of the IEEE International Conference on Communications Workshops (Advances on Network Localization and Navigation, ICC 2013), Budapest, Hungary, June 2013.

- [C7] E. Savioli, M. Bottazzi, F. Natali, N. Decarli, F. Guidi, N. Hadaschik, R. D'Errico, L. Ouvry, "Semipassive UHF-UWB RFID: Architecture and localization performance," in Proc. of the IEEE International Conference on Communications Workshops (Advances on Network Localization and Navigation, ICC 2013), Budapest, Hungary, June 2013. Invited paper.
- [C6] R. D'Errico, M. Bottazzi, F. Natali, E. Savioli, S. Bartoletti, A. Conti, D. Dardari, N. Decarli, F. Guidi, F. Dehmas, L. Ouvry, U. Alvarado, N. Hadaschik, C. Franke, A. Zhangk., Mhanna, M. Sacko, Y. Wei, A. Sibille, "An UWB-UHF semi-passive RFID system for localization and tracking applications," in Proc. of the IEEE International Conference on RFID - Technology & Applications (RFID-TA 2012), Nice, France, Nov. 2012.
- [C5] N. Decarli, F. Guidi, A. Conti, D. Dardari, "Interference and clock drift effects in UWB RFID systems using backscatter modulation," in Proc. of the IEEE International Conference on Ultra-Wideband, (ICUWB 2012), Syracuse, New York, USA, Sep. 2012. Invited paper.
- [C4] D. Dardari, N. Decarli, A. Guerra, A. Conti, "Enhanced localization coverage with non-regenerative UWB relays," in Proc. of the European Signal Processing Conference (EUSIPCO 2012), Bucharest, Romania, Aug. 2012.
- [C3] N. Decarli, A. Giorgetti, D. Dardari, M. Chiani, "Blind integration time determination for UWB transmitted reference receivers," in Proc. of the IEEE Global Telecommunications Conference (GLOBECOM 2011), Houston, Texas, USA, Dec. 2011.
- [C2] F. Guidi, N. Decarli, D. Dardari, C. Roblin, A. Sibille, "Performance of UWB backscatter modulation in multi-tag RFID scenario using experimental data," in Proc. of the IEEE International Conference on Ultra-Wideband (ICUWB 2011), Bologna, Italy, Sep. 2011.
- [C1] N. Decarli, D. Dardari, S. Gezici, A.A. D'Amico, "LOS/NLOS detection for UWB signals: A comparative study using experimental data," in Proc. of the 5th IEEE International Symposium on Wireless Pervasive Computing (ISWPC 2010), Modena, Italy, May 2010. Invited paper.

#### Patents

- [P2] D. Dardari, N. Decarli, "Method and apparatus for estimating a distance and a location through nearfield multi-frequency radio transmissions," WO Patent Application, 2013121369 A1, Aug. 23, 2013.
- [P1] D. Dardari, N. Decarli, "Metodo e apparato per la stima della distanza e della posizione mediante trasmissioni radio multi-frequenza in campo vicino," Italy Patent Application, MO2012A000038, Feb. 16, 2012.

#### Book Chapters

- [B4] N. Decarli, A. Guerra, F. Guidi, "Introduction to Radio-Frequency Identification (RFID) and RFID Positioning," In: Yu, K., Lohan, ES., Oppermann, I. (eds) "Handbook of Wireless Positioning," Springer, Singapore, 2025.
- [B3] G. Solmaz, R. Barco, S. Bartoletti, A. Conti, N. Decarli, Y. Filippas, A. Giani, E. J. Khatib, O. Y. Kolawole, T. Mach, B. M. Masini, A. Ropodi, "Location and Analytics for Verticals," in Positioning and Location based Analytics in 5G and Beyond, S. Bartoletti, N. B. Melazzi (Eds.): John Wiley & Sons, Inc., 2024.
- [B2] J. Widmer, H. Wymeersch, S. Bartoletti, H. Chen, A. Conti, N. Decarli, F. Jiang, B. M. Masini, F. Morselli, G. Torsoli, M. Z. Win, "Enablers Toward 6G Positioning and Sensing," in Positioning and Location based Analytics in 5G and Beyond, S. Bartoletti, N. B. Melazzi (Eds.): John Wiley & Sons, Inc., 2024.
- [B1] P. Closas, A. Conti, D. Dardari, N. Decarli, E. Falletti, C. Fernandez-Prades, M. Reza Gholami, M. Najar, E. Lagunas, M. Pini, "Casting signal processing to real-world data," in Satellite and Terrestrial Radio Positioning Techniques - A signal processing perspective, D. Dardari, E. Falletti, M. Luise (Eds.): Elsevier Academic Press, 2011.

Bologna, 30/05/2025

Nicolò Decarli



Nicolò Decarli  
30.05.2025  
06:52:53  
GMT+00:00