

# Ata Chizari

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## Contact Information

Biomedical Photonic Imaging (BMPI)  
Technical Medical Centre (Techmed)  
Faculty of Science and Technology

University of Twente, The Netherlands  
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## Research Interests

- Biomedical optics
- Near Infrared imaging
- Laser speckle contrast imaging
- Laser Doppler perfusion imaging
- Biomedical signal processing
- Optical wireless communication and positioning,
- Metamaterials

## Education

- **University of Twente, Enschede, The Netherlands**. Feb. 2017 - Apr. 2021  
**Ph.D.** with focus on Biomedical Optics,  
Thesis: [Handheld laser speckle contrast perfusion imaging](#),  
Supervisor: Prof. dr. Wiendelt Steenbergen.
- **Shahid Beheshti University (SBU), Tehran, Iran** ... Sep. 2013 - Sep. 2015  
**M.Sc.** with focus on Communication Systems,  
GPA: 17.79/20.00 (3.81/4),  
Thesis: [Designing A Dimmable OPPM-Based VLC System Under Channel Constraints](#),  
Supervisor: Dr. Akbar Dargahi.
- **Tafresh University, Tafresh, Iran** ..... Sep. 2009 - Sep. 2013  
**B.Sc.** with focus on Electronics,  
GPA: 18.72/20.00(3.96/4),  
Thesis: [Design and Implementation of a Remote Control Switching Device for Electricity Keys with Capability of Easy Installation](#),  
Supervisor: Dr. Ali M. Fotouhi.

## Honors & Awards

- Approval of the application for subject study submitted to the Natural Sciences and Engineering Sciences (NES) Ethics committee by the dean of faculty of Science and Technology (TNW) of the University of Twente.....2023
- Recognition of [Breast Clinic East-Netherlands \(BON\)](#) at [Collaborating Top Clinical Hospitals \(STZ Topklinisch\)](#) and specific mention of wireless perfusion imager (WIPI) as an in-vivo validated innovation. .... 2023
- Best Oral Communication Award in LALS, Nancy, France ..... 2022
- Accomplished Ironman 70.3 Westfriesland and Maastricht ..... 2022
- Accomplished the Enschede Marathon running event ..... 2019, 2022
- Member of swimming team of University of Twente, ZPV Piranha, at Netherlands student swimming competitions (NSZK) ..... 2018-2022
- Awarded Scholarship for Ph.D. Studies from University at Twente...2017 - 2021
- IEEE/IET Student Travel Grant Award for 10<sup>th</sup> IEEE/IET CSNDSP 2016, Prague 2016

- Financial Support for U.S. Patent Application by Iran National Science Foundation (INSF) ..... 2016
- Ranked 3<sup>rd</sup> Among Communication Systems Students of Shahid Beheshti University 2015
- Member of Swimming Team of Shahid Beheshti University at 12<sup>th</sup> Iran Sport-Cultural University Olympiad.....2014
- Accepted as Talented Student for Graduate Studies at Shahid Beheshti University 2013
- Ranked 1<sup>st</sup> Among 120 Students in Class of 2009 Electrical Engineering Entrants 2013
- Ranked Top 3% in the National Entrance Exam Among Electrical Engineering students of Iran for M.Sc. studies ..... 2013
- Ranked Top 4% in the Nationwide University Entrance Exam (KONKOOR) for B.Sc. Studies ..... 2009
- Ranked 1<sup>st</sup> Among 150 Students in Class of 2004 Mathematics and Physics of Bahonar High School ..... 2007

## References

- **Prof. Wiendelt Steenbergen**..(E-mail: w [dot] steenbergen [at] utwente [dot] nl)  
Faculty of Science and Technology (TNW),  
University of Twente
- **Dr. Ferdinand (Ferdinand) van der Heijden**.. (E-mail: f [dot] vanderheijden [at] utwente [dot] nl)  
Faculty of Electrical Engineering, Mathematics and Computer Science  
University of Twente
- **Dr. Jeroen Rouwkema**.....(E-mail: j [dot] rouwkema [at] utwente [dot] nl)  
Faculty of Engineering Technology,  
University of Twente
- **Dr. Marieke Seyger**..(E-mail: Marieke [dot] Seyger [at] radboudumc [dot] nl)  
Department of dermatology, Radboud Institute for Health Sciences,  
Radboud University Nijmegen Medical Center
- **Prof. Jawad A. Salehi**.....(E-mail: jasalehi [at] sharif [dot] edu)  
Department of Electrical Engineering,  
Sharif University of Technology

## Links

- Google Scholar
- Research Gate
- Mendeley
- LinkedIn
- Twitter (atachizari)
- Facebook (ata.chizari)
- Instagram (atachizari)
- YouTube
- SPIE

## Languages

- English, Professional Working Proficiency
- Dutch, Limited Working Proficiency
- Persian, Native

## Update

- Oct. 2023