

# Ata Chizari

---

## Contact Information

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

University of Twente, The Netherlands  
E-mail: a[dot]chizari[at]utwente[dot]nl  
Website: atachizari.com

## Research Interests

- Laser speckle contrast perfusion imaging
- Laser Doppler perfusion imaging
- Side-stream dark-field microscopy
- Electromagnetic tracking
- Macro-photography
- Tissue engineering
- Embryonic development and culturing systems

## 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

- Best Oral Communication Award in LALS, Nancy, France . . . . . 2022
- Accomplished the Enschede Marathon running event . . . . . 2019
- Member of swimming team of University of Twente, ZPV Piranha, at Netherlands student swimming competitions (NSZK) . . . . . 2018-22
- 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

- April 11, 2022