

# Ata Chizari

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## Contact Information

Biomedical Photonic Imaging Group  
Faculty of Science and Technology  
University of Twente, The Netherlands

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Website: atachizari.com

## Research Interests

- Laser based perfusion imaging
- Laser speckle contrast imaging
- Laser Doppler perfusion imaging
- Analog optical signal processing
- Metamaterials
- Visible light communications and indoor positioning
- Underwater wireless optical communications

## Education

- **University of Twente, Enschede, The Netherlands**  
Feb. 2017 - Exp. 2021,  
Ph.D. with focus on Biomedical Photonics,  
Thesis: Designing A Handheld Device for Optical Microcirculatory 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: Remote Control Switching Device of Electricity Keys with Capability of Easy Installation,  
Supervisor: Dr. Ali M. Fotouhi.

## Honors & Awards

- Awarded scholarship for Ph.D. studies from University at Twente, 2017
- 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, 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>nd</sup> Nationwide Student Sport 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](mailto:w[dot]steenbergen[at]utwente[dot]nl))  
Professor, Faculty of Science and Technology , University of Twente (PhD: Delft Uni. of Tech.)
- **Prof. Jawad A. Salehi** (E-mail: [jasalehi \[at\] sharif \[dot\] edu](mailto:jasalehi[at]sharif[dot]edu))  
Professor, IEEE Fellow, Electrical Engineering, Sharif University of Technology (PhD: USC)
- **Dr. Akbar Dargahi** (E-mail: [a-dargahi \[at\] sbu \[dot\] ac \[dot\] ir](mailto:a-dargahi[at]sbu[dot]ac[dot]ir))  
Assistant Professor, Electrical Engineering, Shahid Beheshti University (PhD: Uni. of Wales)
- **Dr. S. Ali Ghorashi** (E-mail: [a\\_ghorashi \[at\] sbu \[dot\] ac \[dot\] ir](mailto:a_ghorashi[at]sbu[dot]ac[dot]ir))  
Associate Professor, Electrical Engineering, Shahid Beheshti University (PhD: King's Collge London)
- **Dr. Farah Torkamani-Azar** (E-mail: [f-torkamani \[at\] sbu \[dot\] ac \[dot\] ir](mailto:f-torkamani[at]sbu[dot]ac[dot]ir))  
Associate Professor, Electrical Engineering, Shahid Beheshti University (PhD: New South Wales University)
- **Dr. Ali M. Fotouhi** (E-mail: [fotouhi \[at\] tafreshu \[dot\] ac \[dot\] ir](mailto:fotouhi[at]tafreshu[dot]ac[dot]ir))  
Assistant Professor, Electrical Engineering, Tafresh University (PhD: Amirkabir Uni. of Tech.)

## Links

- [Google Scholar](#)
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## Languages

- English, Professional Working Proficiency (B2)
- Dutch, Limited Working Proficiency (B1)
- Persian, Native