

**RIM CHERIF FEHRI**

Date of birth: 9 April 1980, Tunis, Tunisia

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Since January 2015, Associate professor of telecommunications, Graduate school of communication technologies (Iset'Com), Senior researcher in Green and smart communications laboratory, Sup'Com, University of Carthage, Tunisia.

**1. EDUCATION AND DEGREES**

- Accreditation to Supervise Research "*Habilitation Universitaire*" in information and communication technologies (ICT), University of Carthage, Tunisia, 2014.
- Doctor of Philosophy (PhD) in ICT, University of Carthage, Tunisia, 2009.
- Master of Sciences (MSc) in Telecommunications, University of Carthage, Tunisia, 2005.
- Engineering Diploma in Networks and Telecommunications, University of Carthage, 2004.

**2. EMPLOYMENT**

- 09/2010 – 01/ 2015, Assistant professor of telecommunications, University of Tunis El Manar, Tunisia.
- 09/2008 – 09/2010, Assistant lecturer of telecommunications, University of Sousse, Tunisia.
- 09/2005 – 09/2008, Lecturer in telecommunications, Graduate school of communication technologies (Iset'Com), Tunisia (Part time contract).

**3. MEMBERSHIPS AND AWARDS**

- 2017, Third World Academy of Sciences-Arab Region (**TWAS-ARO**) **young affiliate**.
- 2017, The Optical Society (**OSA**) **Ambassador for 2017**, "This lifetime distinction recognizes OSA Young Professionals who are leaders in the optics and photonics community. Visited universities as ambassador: Koç University, Istanbul, Turkey, National university of Singapore, Nanyang technological university Singapore, Malaviya National Institute of Technology India, National academy of science Beijing China".
- 2017-2018, International Society for Optics and Photonics (**SPIE**) **Scholarship committee member**.
- 2015, International Commission for Optics/ International Center for Theoretical Physics (**ICO/ICTP**) **Galiemo Denardo Award** "for her achievements in the field of nonlinear optics, in particular her contributions to the design of highly nonlinear fibers for supercontinuum generation, a technique for producing broadband light sources that can be used for telecommunications and sensing devices", ICTP, Trieste, Italy.
- 2015, Elsevier foundation New scholar grant holder "Career building workshops for STEM women scientists", Tunisia
- 2012, Elsevier foundation New scholar grant holder "Get ahead with optics: career development for women in science", Tunisia.
- Chapter advisor of the Optics & Photonics Tunisian OSA and SPIE student chapters.

- 2010/2012, International Society for Optics and Photonics (SPIE) education committee member, USA.
- 2009, Tunisia **Presidential Prize** for young researcher scientist.
- 2007-2009, International Centre for Theoretical Physics-International Atomic Energy Agency (ICTP-IAEA) fellowship (3 months/year).
- 2010, Founder and president of the International Society for Optics and Photonics (SPIE) student chapter. [www.tunisia-optics.org](http://www.tunisia-optics.org)
- 2009, Founder and president of the Optical Society of America (OSA) student chapter. <http://launch.osa.org/membership/Newsletter/Summer2010/>

#### 4. RESEARCH EXPERIENC

Research Interests: Nonlinear effects in photonic crystal fibers, design of highly nonlinear photonic crystal for sensing applications, supercontinuum generation, Brillouin scattering.

#### SCIENTIFIC PUBLICATIONS

- **28** publications in peer reviewed journals
- **4** book chapters
- **52** international conference papers (with peer review)

#### SUPERVISED STUDENTS

- 3 PhD in ICT, Gres'Com Lab., Sup'Com, University of Carthage, Tunisia
- 4 Master of science (MSc) in Telecommunication, Gres'Com Lab., Sup'Com
- 45 undergraduates students.

#### 5. Co-ORGANIZATION OF CONFERENCE/SCHOOL IN TUNISIA

- February 2018/ January 2017/ March 2016: 5-days workshops on career building for women in science in collaboration with Coach, University of Carthage, Tunisia
- September 2015, International OSA network of Students conference (IONS)/FOCUS conference, Carthage.
- 2015, LUPA'2015, Lighting up Africa with Lasers, Optics, and Fibres, Carthage.
- 2014, First North African Workshop on OPTICS, Hammamet.
- March 2013, First African summer school on optics and applications to sustainable development, Carthage.
- March 2013, Building leadership capacity in science and engineering: peer-reviewed journal paper writing, effective leadership, career launch, proposal writing," Faculty of sciences of Tunis.
- September 012, Get ahead with optics: Career development for women in science, Hammamet.

#### 6. LANGUAGES SKILLS

- *Arabic, French, English:* fluent in speaking, writing and reading