



Majid Ebrahim-Zadeh is a Senior ICREA Professor and Group Leader at [ICFO](#). He has been at the forefront of research in *Optical Parametric Oscillators (OPOs)* for >25 years. His world-leading industrial innovation has led to commercial realization of a cutting-edge technology, providing indispensable tools for a wide range of applications including spectroscopy, imaging, microscopy, biophotonics, with major impact in multiple disciplines. He has published >600 peer-reviewed articles, including more than 220 journal papers (5 invited), over 120 invited, keynote, and plenary talks, and 14 post-deadline papers at major international conferences, has edited 2 books, and authored 11 major invited book chapters and reviews. He was a regular instructor of short course on OPOs at *CLEO/USA* (annual, 1996-2010) and *CLEO/Europe*, Germany (biennial, 2007-2023). During his career, he has supervised 25 PhD students and 20 post-doctoral fellows.

Professor Ebrahim-Zadeh has chaired 9 international conferences and served >50 times on technical/organizing/ steering committees of leading conferences in photonics. He served as associate editor of *Optica* (formerly *OSA*) flagship journal, *Optica* (2016-2022), as advisory editor of *Optics Letters* (1998-2003), topical editor of *Optics Letters* (2003-2010), 6 times at guest editor of *J. Opt. Soc. Am. B* (1999, 2016, 2018, 2021, 2022, 2024), associate editor of *IEEE Photonics Journal* (2012-2016) and *Advances in Nonlinear Optics* (2007-2009). He has served on 4 times as member of *ERC Advanced Grants Panel* (2014, 2016, 2018, 2020), selection committee of *CEK Mees Medal*, *Optica*, USA (2029, 2020), selection committee of *European Physical Society (EPS) Prize for Research in Laser Science and Applications (RLSA)* (2017, 2018), selection committee of *IEEE Laser Instrumentation Award*, *IEEE Photonics Society*, USA (2021, 2022, 2023), selection committee of *Optica Challenge Foundation* (2022, 2023, 2024), Selection Panel of *ICREA Senior Professor Award* (2023), *Steering Committee of CLEO/QELS* (USA) and *Europhoton*, among others. He has undertaken many national, international and European projects, and has led successful and productive collaborations with more than 25 researchers worldwide.

Professor Ebrahim-Zadeh is founder, director, and chief scientist of [Radiantis](#), the first spin-off company from ICFO created in 2005, with the goal of transforming OPO technology from his research laboratory to the commercial and industrial sector. To date, Radiantis has supplied numerous frequency conversion and OPO systems to leading research institutes, universities, and several major industrial companies worldwide. Today, the company is recognized as a leading manufacturer of state-of-the-art OPO technology in the world. Since 2009 it has been a certified supplier to one of the largest laser companies in the world, [MKS/Newport/Spectra-Physics](#), USA, who offer Radiantis frequency conversion and OPO systems to the world market ([Inspire](#); [Inspire IR](#); [Inspire Blue](#)).

Professor Ebrahim-Zadeh is the recipient of several honors and awards, including *Royal Society of London University Fellowship*, UK (1993-2001), *Royal Society Merit Award*, UK (1995, 1999), *Innova Prize* for innovation and enterprise, Spain (2004), and *Berthold Leibinger Innovation Prize*, Germany (2010). He is a *Fellow of Optica* (2004) and *SPIE* (2012). For his contributions to the advancement of nonlinear optical technology and commercial development of cutting-edge optical parametric oscillators, he was awarded *David Richardson Medal* of *Optica*, USA (2021).