

## Short Course: Optical Parametric Oscillators

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### Biography

Majid Ebrahim-Zadeh is an ICREA Professor at ICFO, in Barcelona, Spain. He has been active in the advancement of OPO technology for over 25 years and his research has led to the realization of new generations of tunable light sources from the UV to mid-IR, and in all time-scales from continuous-wave to ultrafast picosecond and few-cycle femtosecond regime. His work has led to over 600 peer-reviewed publications, including 205 journal papers, more than 100 invited, keynote, and plenary talks, and 14 post-deadline papers at major international conferences. He has edited 2 books and authored 15 major invited book chapters and reviews in volumes such as *Science*, *OSA Handbook of Optics*, *Springer Handbook of Laser Technology and Applications*, and *Laser & Photonics Reviews*. He has been a regular instructor of the short course on OPOs at *CLEO/USA* (1996-2010) and *CLEO/Europe* (since 2007).

Prof. Ebrahim-Zadeh has chaired 7 international conferences, served 5 times as sub-committee chair, and more than 50 times on the technical, organizing, advisory and steering committees of major conferences. He has served as associate editor of *Optica*, advisory editor of *Optics Letters*, guest editor of *J. Opt. Soc. Am. B*, topical editor of *Optics Letters*, associate editor of *IEEE Photonics Journal*. He is director and chief scientist of *Radiantis* ([www.radiantis.com](http://www.radiantis.com)), and recipient of a number of honours and awards, including Innova Prize for technology innovation and enterprise (Spain, 2004) and Berthold Leibinger Innovationspreis (Germany, 2010). He is a Fellow of OSA and SPIE.