

E-MRS Spring Meeting 2019, Symposium O**Synthesis, processing and characterization of nanoscale multi functional oxide films VII****May 27 – 31, 2019, Nice, France**

This Special Issue records another in an established tradition (since 2006) of interdisciplinary E-MRS symposia, bringing together scientists and engineers involved in all aspects of the synthesis, processing, characterization, device integration and theoretical modeling of multifunctional oxide-based thin films, multilayers and nanostructures.

Symposium O was one of 28 parallel symposia at the European Materials Research Society Spring Meeting and, in a joint session, shared an afternoon of oral presentations with Symposium Q: Polar oxides: synthesis, science and applications. The final programme included 79 oral presentations (16 from invited speakers) and 93 posters, making up a full week of fascinating science and technology, covering a wide range of interest in oxides, oxide-based thin films, and device structures. Questions and discussions following presentations were often lively and wide-ranging. The very high standard of presentations in the poster sessions was of note, and these sessions also offered opportunities for discussion and debate with the many attendees.

We thank those at E-MRS Headquarters for the organization of the meeting, and all their help and support. Also, GDR OXYFUN and EU Action NFFA (www.nffa.eu) for generous sponsorship of this Symposium. And thank you to all participants: scientific committee members, speakers, poster presenters, session chairs and assessors for poster prizes, and all those who attended, asked questions, and took part in the events.

Once again, the Symposium Proceedings are published in collaboration with Thin Solid Films, and we are extremely grateful to Elsevier, and the editorial team, for all their assistance in the Editorial process. And we have greatly appreciated the invaluable, and very prompt, input to these proceedings by all authors and reviewers.

Guest Editors:

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