

Preface

WONDER-2015 is the fourth International Workshop on Nuclear Data Evaluation for Reactor Applications (the first three workshops were organised respectively in 2006, 2009 and 2012). It was held on October 5th to 8th, 2015 at the Hotel Aquabella in Aix-en-Provence (France).

About 70 experts in the field of nuclear data were participating at this workshop. The main objective was to review the current modelling and evaluation methods of nuclear data for reactor applications (GEN. II, III, IV) and to discuss possible areas of improvements. Presentations were organised in sessions on Nuclear Data needs for reactor applications, Microscopic nuclear data measurements, Evaluation of nuclear data, Thermal scattering laws, Processing and benchmarking, Integral nuclear data measurements, Decay data and Fission Yields, Uncertainties and covariance matrices, Fission Fragments Observables. Several posters covering these items were also presented.

We thank the French Alternative Energies and Atomic Energy Commission (CEA), the Nuclear Energy Agency (NEA) and La Communauté du Pays d'Aix (CPA) for their active participation in the organisation of this workshop. Lastly, we would like to warmly thank Mrs Alexandra Herrenschmidt who assumed with enthusiasm and dynamism the secretariat of the workshop.

Taking into account the undeniable success of WONDER-2015, the 5th edition could be born in 2018!



January 2016,
The Organizing Committee