2 Words of the President of IAFeS.

Prof. Dr. Radu Vasiu Professor Technical University Timisoara, Romania President of IAFeS, Internationale Association for eScience

Each year the International Association For eScience (IAFeS) organises the Networking Entities (NETTIES) conference.

In the past the conference focus has been topical and relevant to the social and commercial environment at the time and the 2015 conference held on the island of Tenerife was no different in that it addressed the relationships between globalisation, the internet and big data. The location of the conference was specifically selected to reflect the island's ambition to become an information technology hub based on its situation with the potential to serve Europe and Africa and even further afield across the Atlantic.

The NETTIES conference this year attracted researchers and presenters from 15 countries including the United States, China and many European participants. NETTIES conferences are by tradition small and intimate concentrating on quality of presentation and facilitating informed discussion with the intention of enthusing delegates to take the research forward and play an active part in future IAFeS events and initiatives.

To this end this book contains the proceedings of the conference in the hope that readers will be inspired to follow up on the research and ideas within.

The IAFeS committee wish to extend their appreciation and thanks to the conference hosts, the Humboldt Multiversity (under the leadership of Professor Günter Koch) and the government and officials of Tenerife for making this conference possible.