

MSCA 2017 Prizes

Profile of the Jury

- **Innovation and Entrepreneurship**

- 1) Prof. Sarit Sivan, Head, Department of Biotechnology Engineering, ORT Braude College of Engineering



Prof. Sivan research focuses on the development of biomaterials and biomimetic for biomedical applications. Her interdisciplinary work has contributed to the understanding of biochemical and mechanical processes in the intervertebral disc and cartilage. Prof. Sivan received her PhD at the Technion for developing a universal blood substitute. Her post doctorate research as a Marie-Curie Fellow was on biomimetic materials for intervertebral disc repair at the University of Oxford.

She has been involved in the development of a liposome-based biomimetic for the treatment of osteoarthritis, which is currently in clinical trials. Prof. Sivan received the Marie Curie Prize for Innovation and Entrepreneurship (2012), the Spine Award in Regenerative Technologies for the best intervertebral disc biomaterial (2009), and several prestigious fellowships, among which are: the Marie-Curie Intra-European (IRG) fellowship and the Marie-Curie Integration (ERG) fellowship. Her work is summarized in over 35 scientific publications and she is the holder of 5 patents. Prof. Sivan currently holds the position of Head of the Department of Biotechnology Engineering at the Braude College of Engineering in Israel.

- 2) Angele Giuliano, AcrossLimits, Foundation for Woman Entrepreneurs



Angele Giuliano has been an entrepreneur for 20 years. She has always been extremely active on the business front, not only in Malta but even abroad where she has regularly represented women entrepreneurs in European fora. As the President of the local Foundation for Women Entrepreneurs, Ms Giuliano has mentored and trained several women from all ages and walks of life and helped them to embrace their inner entrepreneur. Ms Giuliano was chosen as the successful entrepreneur to represent Malta in the first edition of the SME Week in 2009, and her story was published in the book "The Secret of Success" by the European Commission that same year. The European Institute for Gender Equality also chose her as one of the 'calendar

ladies' for 2013. Moreover Ms Giuliano is also a business angel and she forms part of the Go Beyond shareholders and the Rising Tide group of women angel investors from all over the world. She has been featured on Euronews in one of their business programmes last year and is also the author of several papers and articles promoting innovation in business especially in the education and health areas. Angele's flagship company is called AcrossLimits (www.acrosslimits.com) dealing with European research and innovation projects, but at the moment she is focusing on her latest business venture iSmart (www.getismart.com) which is an inclusive education solution for children with learning difficulties like dyslexia, ADHD and mild autistic spectrum disorders.

3) Dr. George Angelou, Ministry of Public Infrastructure, Greece

- **Communicating Science**

1) Dr Shane Bergin, School of Education, University College Dublin (UCD)



Dr Shane Bergin is a physicist and an assistant professor in science education at UCD's School of Education. Shane's research focuses on teaching and learning in physics – both in formal settings like lecture-halls or labs and also in more informal settings (like a metro train). In recent years, Shane has been awarded several fellowships to support his research. These include Marie Curie Actions and support through Science Foundation Ireland's SIRG programme. Dr Bergin was awarded a BA(Mod) in Nanoscience from Trinity College Dublin in 2003 and a PhD for his research with carbon nanotubes in 2008. Shane's contributions to the literature arising from this support have been well received by his field – with more than 4,000 citations.

Shane is the founder of City of Physics – a campaign to spark physics conversations around Dublin based on physics posters, art and projections dotted around the city. This follows DARTofPhysics – a similar campaign on Dublin's DART train – in 2013. Shane received awards for public engagement in science from the European Commission and the American Association for the Advancement of Science (AAAS) for this work. In 2015, Shane began a collaboration with the National Concert Hall – blending STEM subjects with music for primary school audiences.

In 2015, Shane received a Provost's Teaching Award (whilst working at Trinity College Dublin) for his work on student-centred learning in the undergraduate physics programme. Shane was listed as one of Ireland's '40 under 40' by the Irish Independent in September 2016.

- 2) Professor Ing. David Zammit Mangion, Director, Institute of Aerospace Technologies, University of Malta
- 3) Michael Rosner, Senior Lecturer, Department of Intelligent Computer Systems, University of Malta



Michael Rosner is visiting Senior Lecturer at the Department of Intelligent Computer Systems at the University of Malta, having been Head of Department 1999-2010. He holds a Masters degree in Psychology and Philosophy from the University of Oxford and a postgraduate Diploma in Computer Science from the University of Cambridge, and has worked extensively in the areas of AI and Computational Linguistics for approximately 30 years. He was a founder member and Vice Director of IDSIA, a research institute in Lugano, Switzerland. He was founder, coordinator and grant holder of MLRS, a national project involving Maltese language resources and tools and was local coordinator for LT4eL, an FP6 project investigating

the relation between Language Technology and eLearning, local coordinator for CLARIN, an EU infrastructures project for Language Resources and Computing in the Humanities. He was local coordinator for METANET4U, an FP7 Project (2011-2013) whose main objective is to contribute to the establishment of a pan-European digital platform that makes available language resources and services. He is the local coordinator for LCT, Erasmus Mundus Masters course in the area of Language Technology and Communication. He was a member of the Management Committee, Steering Committee, and Working Group Leader for COST Action IC1207: PARSEME: PARSing and Multi-word Expressions. He is on the management committee of COST 1309 Integrated Vision and Language. His current interests include language resource creation and management, sentiment analysis, controlled natural languages for robots, automated information extraction, summarization and presentation from large-scale text data, machine translation.

- **Contributions to a better society**

- 1) Dr Kevin Gatt, Faculty for the Built Environment, University of Malta and Ministry for Sustainable Development

Dr. Kevin Gatt trained as an architect and civil engineering and subsequently specialised in hydrology for environmental management by reading for a Master of Science degree at Imperial College, London. He also holds a Master in Business Administration degree. His doctoral research focused on environmental and resource governance by using water resources in Malta as his main focus for his thesis.

Kevin has 25 years of experience in the public administration and is a resident academic within the Faculty for the Built Environment. He has also worked on various initiatives related to these areas within a public administration context and has authored and contributed to a number of policy and regulatory documents. Kevin has also been involved in management assessments of different public entities and has a strong track record in the evaluation of projects submitted for funding under various local and international programmes.

Kevin's research interests include water resources, waste management, sustainable development, the impact of climate change as well as the governance of natural resources and their interaction with public policy.

2) Anamaria Magri Pantea, Ascend Consulting



Anamaria Magri Pantea is the founder and managing consultant of ASCEND CONSULTING specialising in R&D results exploitation, innovation management and business development, particularly in areas related to ICT, energy, eco-sustainability and smart cities & communities. With an educational background in Economics, Finance and Business Administration, she has over 15 years of experience in projects structuring and business planning, their initiation, funding sourcing, coordination, supervision and evaluation, at both national and European levels. Anamaria has extensive expertise in EU, UN and other international grant funding, as well as in bank financing and access to equity and risk capital.

Anamaria has worked with the European Commission as staff member of the European Institute of Innovation and Technology, as Malta National Contact Point and Management Committee representative for the EU's Competitiveness and Innovation Programme, as well as an independent expert on a number of EU funding programmes. The latter include the Horizon 2020 Framework Programme for Research & Innovation, the programme for the Competitiveness of SMEs and Enterprises (COSME) and ERDF Operational Programmes for research, development and innovation in two EU Member States.

For further details, see the [Linked In profile](#)