João Alexandre Dias de Oliveira
(Jury of Team Design)
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João finished his PhD in Mechanical Engineering at the Universidade de Aveiro in March 2013 and is currently an Assistant Professor in the same institution. He has worked as a lecturer not only in the context of Mechanical Engineering, but also keeps a close connection to Design, Graphical and industrial. He is a member of GRIDS Research Group since its founding in January 2003. He is also a member of the SEE working group since its creation in September 2015. The Science and Engineering Education working group is an informal team of Higher Education Teachers and Investigators from the Department of Mechanical Engineering. This team is focused on the study and development of skills that are essential to the teaching of engineering related fields, namely the ones closest to mechanical engineering at the university level. To achieve the goal of enhancing these skills, both for teachers and students, this group works to develop activities for the interaction with young students and to attract them to the engineering world.

Habilitation:

> PhD in Mechanical Engineering, Department of Mechanical Engineering, Universidade de Aveiro,Topological Optimization Methodologies in Calculation Structurel, 2013.

> MSc in Mechanical Engineering, Departamento de Engenharia Mecânica da Universidade de Aveiro, Micromechanical Modeling of Behavior of Aluminum Matrix Composite Materials, 2006.

> BEng in Mechanical Engineering, Department of Mechanical Engineering, University of Aveiro, 2003.

Lecturer:
Mechanical Engineering (Thermal Machines, Product Development and Engineering, Computer Aided Design and Manufacturing, Technical Drawing); Product design and development (Production Materials and Processes)

Victor Neto
(jury of Team Design)
E-mail: vneto@ua.pt

Victor Neto has a BSc degree in Physics Engineering (2001); MSc in Applied Physics (2004), a PhD in Mechanical Engineering (2008) and a MSc in Management (2012).

He currently lectures "Advanced Manufacturing Technologies" and "Eco-design and Eco-efficiency" and his research focus is on narrowing the gap between science and its

industrial entrepreneurial application, with special care on the trinity of materials (specially, nanomaterials); fabrication technologies; and products.

He has more than 50 papers published in international refereed journals, and more than 50 conferences communications. He has been involved in several research projects, on the management of scientific events; and on science dissemination activities.

Victor is also Deputy director of the Center for Mechanical Technology and Automation, deputy coordinator of the Molds & Plastics Technology Platform of the University of Aveiro and Member of the Commission for Communication, Dissemination and Promotion of the Mechanical Engineering Department.

Bárbara Filipa Casqueira Coelho Gabriel
Jury of Team Design
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Barbara Gabriel, MSc in Electronic and Telecommunications Engineering and Ph.D in Mechanical Engineering at the University of Aveiro, with research in the fields of nanotechnology and innovation management. Currently, she is an invited assistant professor in the Department of Mechanical Engineering of University of Aveiro. She currently collaborates with DG-EAC-EU as an expert in innovation and entrepreneurship in Higher Education under the scope of HEInnovate initiative; External Expert with the invitation of Incomera-EC for Innovation and Marketing (topic NMP). In addition, Bárbara Gabriel is project manager of Science and Technology in the TEMA research unit, having large experience in the management and elaboration of projects under the P2020 and European funding programs, particularly Horizon 2020.

Mónica Sandra Abrantes de Oliveira Correia
(jury of Case Study)
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Mónica Oliveira scientific activity began in 1995 with the preparatory work leading to the award of a Doctor Degree. The latter was awarded at the University of Glamorgan (South Wales - UK) through a research program funded by Wyman & Gordon Forgings (USA) dealing with air assisted atomised water spray systems used to control cooling rates of high temperature forgings. Further insight has been given to this particular process during a postdoctoral FCT grant fellowship, by developing a predictive model of the process through neural networks.
Currently, she is an Assistant Professor at the Department of Mechanical Engineering at the University of Aveiro and develops her research activity at TEMA - Centre of Mechanical

Technology and Automation. She is also the Coordinator of the Platform for the Molds & Plastics Industry.

In the last decade, an important emphasis has been put in issues related to the development and processing of polymeric materials. It should however stand out that her research intervention and interests lie on both experimental and numeric approaches to tackle issues related with heat transfer, fluid mechanics and materials science.

Ana Raquel Reis Couto Xambre
(jury of Case Study)
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Ana Raquel Xambre holds a degree in Industrial Engineering and Management from the University of Aveiro (1997), holds a Specialization in Quantitative Methods in Management from Porto Business School (1998), and obtained a PhD in Industrial Management from the University of Aveiro in 2013.

She was a junior lecturer at the School of Economics and Management of the University of Minho, an invited lecturer at the Department of Economics, Management, Industrial Engineering and Tourism of the University of Aveiro, where she is currently and Assistant Professor (since 2014).

She has taught several courses within the scope of Operations Management, as well as courses on Inventory Management, Industrial Simulation, Operational Research and Statistical Techniques. She has also been responsible for supervising the final undergraduate projects of Industrial Engineering and Management students (University of Aveiro) and the project /dissertation work of several students from the Masters in Industrial Engineering and Management (University of Aveiro), mainly developed in industrial companies.

Paulo Dias
(jury of Case Study)
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Paulo graduated in Electronics and Telecommunications in 1998 being Awarded with the Alcatel price “Prémio Engenheiro José Ferreira Pinto Basto” for the best student of Electronics and Telecommunications Engineering of the University of Aveiro (1998).

After the graduation he got a one-year grant within the EC-Camera Research and Training Network to start working in 3D reconstruction in the Joint research centre in Italy. He

spent three more years in Italy with a PhD grant from the Portuguese Foundation for science and technology to continue his work in 3D reconstruction and fusion of intensity and range information. In September 2003, he concluded his PhD at University of Aveiro with the thesis "3D Reconstruction of real World Scenes Using Laser and Intensity Data".
After his PhD and until today, he started teaching at University of Aveiro as an assistant professor within the Department of Electronics Telecommunications and Informatics.

Helena Alves
(jury of Case study)
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Helena received her PhD in Chemistry in 2004, from Instituto Superior Técnico in Lisbon. After two years as a post-doc at the same University, she moved to Delft University of Technology in the Netherlands for two years as a guest researcher. In November 2008, she joined INESC-MN in Lisbon as a principal researcher.

Her' interests lie in the area of material chemistry and solid state physics, nanotechnology and advanced applications (flexible, transparent and wearable) in particular organic semiconductors and molecular electronics. She has a background on chemistry and materials science, with a good and solid insight of correlating solid-state materials structure and design with electronic, magnetic and optical properties. This broad knowledge on material properties and potential applications, allowed her to achieve the actual position at CICECO, and as a guest scientist in one of the reference institutes in nanotechnology in Portugal.