

CHALLENGES ON THE INJECTION MOLDING INDUSTRY

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Celoplás is a SME located in Grimancelos, North of Portugal. With 25 years of experience on injection molding and on the development of tools, the company reached a very competitive position on the global market, namely on the automotive, electric, electronics, construction and medical sectors. Celopls offers to his customers the most innovative solutions and the latest technologies with real time production control under a zero defects policy. At Celopls we enjoy taking complex engineering challenges and bring them to life – in all Engineering Plastic. Numerical software's are being widely used to support all the stages of our value chain. However they are not perfect and topics for improvement can be highlighted for discussion and future developments.



Marcos Sampaio graduated and with Master Degree in Polymer Engineering both from the University of Minho, starts his professional activity in 2000 on the same institution as researcher. In 2002, joined the newly formed PIEP on which actively works on several research projects in straight cooperation with the Industry. In 2005, attracted by the Micromolding Technologies, joins Celoplás, Company in which works since then. During the past Decade, assume the positions of RDI Manager as well as Technical Manager of the Micro Activities Department of the Company. Besides it assumes the Technical Coordination as well as some of the execution work of several R&D Projects for different market applications.