

Industrial applications of ion track technology

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it4ip is a new spin out from the Université catholique de Louvain (Belgium) dedicated to the development and production of unique templates based on the combination of ion track technology of polymers. It supply customers with hi-tech products, state-of-the-art research and product development services with template capability to make high value added nano-objects, nano-structures and smart membranes. it4ip is engaged in collaborative applications oriented research with customers to develop novel applications and markets for the technology.

Notably based on results coming from several collaborative R&D projects supported by European and Regional Government fundings, recent improvements of ion track technology open new doors for fast growing applications in niche markets. This conference will present some of these expected Hi-Tec applications in different fields such as in healthcare (oncology, drug control release combined to implant, artificial organs, ...), energy (fuel cells, batteries, ...), water de-contamination and electronics (OLED...).