THE NETWORK

The performance of the network is based on a synergetic connection of the members' individual competences. The competences and value creation chain across branches – from apprenticeship to operators and applications – can be demonstrated by a structural model currently consisting of 8 topics:

- Increased life times of cutting and forming tools
- Environmentally friendly dry or minimum lubricant
- Avoidance of material adhesion and build-up
- Tools for hard machinable materials
- Reduction of friction
- Energy savings
- Dry lubricant coatings / Reduction of maintenance times
- Wear and corrosion protection for lifetime extension
- Integration of sensor functions
- Wear protection, biocompatibility and antibacterial surfaces
- Surfaces with defined chemical and biochemical functions
- Photovoltaics
- Fuel cells
- Wastewater treatment using conduction diamond coatings

Please find more information on INPLAS applications at www.inplas.de/applications

Heat insulation and sun-protective coatings
- Transparent conductive coatings for electro-magnetic shielding, heatable panes or touch-screens
- Antireflective coatings or coatings for the modification of surface energy
- Transparent scratch-resistant protection layers

Reduction of friction, wear and corrosion protection for efficient performance at low weight and compact size
- Realisation of optical and sensory functions by the use of multifunctional coatings

Surface activation
- Functionalization
- Decontamination
- Hydrophobic and oleophobic properties

Magnetic and optical coatings
- High-resistant and insulating coatings
- Fine structured optical and electrical conductor paths
- Conductor carriers
OBJECTIVES AND SERVICES

Our mission
- Increasing the level of awareness of plasma technology
- Securing and expanding the global leading position of enterprises and research institutes in the field of plasma surface technology in Germany and in Europe
- Arranging and encouraging national and international cooperations

Offers and services
- networking
- project management
- technology marketing
- market analysis
- conference - and eventmanagement
- mediadesign and PR- and marketing-activities
- concepts for further education
- working groups for research and technology exchange

MEMBERSHIP

You can find the current members at

www.inplas.de/members

Expand your market opportunities by co-operation with innovative partners and use the multiplier effect of a strong network!

Please contact us or use the application for admission

www.inplas.de/downloads

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