

## **SGO-SST working group: Sustainable electrochemical surface treatment**

Electrochemical surface treatment industries, including SGO-SST member companies, are more and more confronted to the challenges of sustainability, scarce resources, competition with alternative coating processes and stronger health and safety regulation. These challenges can however also offer new unique process development opportunities. The SGO-SST working group **“Sustainable electrochemical surface treatment”** was created to support and advocate innovative, economically competitive approaches, focusing on:

- 1) Promoting industrially relevant, viable and financially appealing alternatives to the use of hazardous chemicals, this while reducing energy and natural resource consumption without compromising the surface treatment quality
- 2) Offering solutions for the qualification of new surface treatment processes and/or materials highly needed with the emergence of new manufacturing routes, such as additive manufacturing, laser structuring and/or the use of recycled materials.

So how can we support you?

The group consists of:

- Clément Cremmel, Sonova AG
- Jamil Elias, Rolex SA
- Pierre-Antoine Gay, Haute Ecole Arc
- Anna Igual Munoz, EPFL
- Noémie Ott, OST Fachhochschule
- Gabriel Reisinger, KKS Ultraschall AG
- Patrik Schmutz, Empa

- 1) Current activities in this area: Tropical event of SGO-SST of 2024 and 2025
- 2) Special edition of OP magazine
- 3) Online coffee lectures every 2 months

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