



Name: **Giuseppe Celentano**

Affiliation: ENEA - Italian National Agency for New Technologies, Energy and Sustainable Economic Development

Position: Senior Researcher

Education: Physicist, La Sapienza University (Rome, It)

Research Interests/Areas of Expertise: Physics and technology of REBCO thin films; Epitaxial film deposition by physical and chemical techniques; Artificial pinning centers: nanocomposite YBCO films, vortex pinning and dynamics; *Coated Conductor* technology: tape processing and characterizations; HTS conductors for fusion magnets: cable design and development based on REBCO *coated conductors*; Iron based superconductors: tape and wire development of iron-calchogenides and iron-arsenides;
Skills: Epitaxial film deposition; electrical and magnetic characterizations; X-ray diffraction.

Publications: About 170 papers on applied superconductivity, in IEEE Transactions on Applied Superconductivity, Superconductor Science and Technology, Physica C, Journal of Applied Physics, Applied Physics Letters, APL Materials, Scientific Reports

Approximate Number of Years in Applied Superconductivity: 25 years

Previous ASC Service: Technical Editor 2016, 2018, 2020
Session Chair/Moderator in several editions

Service to Related Conferences: MT (Magnet Technology) Session Chair/Moderator
EUCAS Program Committee (Materials) 2013, 2017, 2019
EUCAS Technical Editor 2013, 2107, 2019, 2021
EUCAS Session Chair/Moderator 2013, 2107, 2019

Other: Editorial Board member of *Superconductivity*, Ed. Elsevier (since 2021)