

The European Metrology Networks

European Metrology Networks (EMNs), established by EURAMET in 2019, play a central role in shaping and guiding coordinated metrology research across Europe. Rooted in strategic collaboration, EMNs develop and maintain Strategic Research Agendas (SRAs) that align with emerging technological and societal needs. These agendas inform EURAMET's research programme the European Metrology Partnership enabling more targeted and stakeholder-centered project topics.

By consolidating the expertise of Europe's national metrology institutes, EMNs act as hubs for scientific coordination, ensuring that research efforts are synergistic and impactful. For the nanotechnology community, EMNs represent a key interface to metrology developments in areas critical to innovation and industrial advancement.

At this conference, we highlight the contributions of EMNs particularly relevant to nanotechnology: Mathematics and Statistics, Quantum Technologies, Advanced Manufacturing, Clean Energy, and Energy Gases.