

## IEEE IMS TC 34 "NANOTECHNOLOGY IN INSTRUMENTATION AND MEASUREMENT"

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TC34 officers: Aimé Lay-Ekuakille (chair, Italy), Cyndi Harnett (deputy-chair, USA), Olfa Kanoun (deputy-chair, Germany), Marco Carminati (Secretary, Italy)

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### 1. *Status of all standards developed or maintained by your committee*

None

### 2. *Updating of all activities reports*

The TC34 has organized the 2019 conference (Nanofim) as it is usually done every year with the technical sponsorship of IEEE Nanotechnology Council. It was held in the city of Sfax (Tunisia) during October 30-31.

### 3. *Future standardization work*

Temporally suspended

### 4. *Need for tools or support from IMS*

None for now.

### 5. *Interaction with other societies in IEEE*

TC34 has ties with IEEE Nanotechnology Council which is technical co-sponsor of nanofim event.  
IEEE EMBS Wearable Biomedical Sensors and Systems Technical Committee  
IEEE Sensors Council chapter of Italian IEEE section

### 6. *Existing support being provided by the committee to conferences*

TC34 is active in IEEE Memea and IEEE I2MTC

### 7. *Existing support being provided by the committee to publications (IMS Magazine and TIM)*

IEEE IM Magazine is running a special issue regarding 2019 nanofim.

### 8. *Industry links*

Echolight Spa (Italy) for nano contrast agents  
Roam 2000 Srl (Italy) for nanomedicine and rehabilitation

*9. Succession plans*

None

*10. Development of initiatives*

New members and school to be promoted. Because of covid-19, it was not possible to hold the annual conference and the planned summer school. There is a plan for next year conference in Poland, and a location of the summer school is also envisaged.

*11. Main concerns and possible solutions*

None

*12. New ideas*

None

On behalf of TC 34 members

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