



# M4Dconf 2022

IMEKO TC 6 – First International Conference on  
Metrology and Digital Transformation

19. – 21. September 2022



## Conference Program

### Day 1

Monday 19 SEP

06:30 – 07:30

#### Panel session

Opening of conference by  
IMEKO President

08:00 – 10:00

#### Parallel sessions

1.1 Digital transformation in  
metrological traceability  
1.2 Modelling metrology in  
software for digital transformation\*

11:00 – 13:00

#### Panel session

Digitalization and the SI: a  
collaborative approach (CIPM)

13:30 – 15:30

#### Parallel sessions

2.1 EURAMET metrology - facing  
and solving digital challenges  
2.2 Digital infrastructures and  
technologies

### Day 2

Tuesday 20 SEP

06:30 – 07:30

**Keynote** Digital information from  
metrology for advanced and  
sustainable manufacturing (Zeiss)

08:00 – 10:00

#### Parallel sessions

3.1 Digitalization of metrology in  
pharma industry\*  
3.2 Machine-readable digital  
calibration certificates (DCC)\*

11:00 – 13:00

#### Parallel Sessions

4.1 Traceability in a digital world  
(IMEKO TC 8)  
4.2 Digital transformation in legal  
metrology (OIML)

13:30 – 15:00

#### Parallel Sessions

5.1 Digital transformation beyond  
the state-of-the-art  
5.2 FAIR data and semantics in  
metrology

Starting 17:00

Conference dinner in Berlin

### Day 3

Wednesday 21 SEP

06:30 – 07:30

#### Keynote

Uncertainty-aware machine  
learning for metrology (NPL)

08:00 – 10:00

#### Parallel Sessions

6.1 EUROLAB – “The lab of the  
future is now”  
6.2 Pathways to digital  
transformation I\*

11:00 – 13:00

#### Parallel Sessions

7.1 Sensor network metrology\*  
7.2 Pathways to digital  
transformation II\*

13:30 – 15:00

#### Panel Session

Closing of conference: summary  
and take home messages  
(IMEKO TC 6)

All times in UTC

\*Special Session

The venue in Berlin will open its doors at 6:00 UTC each day. Online participants can access the virtual meeting rooms 30 minutes in advance to the start of all sessions.



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Metrology and Digital Transformation

19. – 21. September 2022



## Conference Program

### Day 1

Monday 19 SEP

08:30 – 09:30

#### Panel session

Opening of conference by  
IMEKO President

10:00 – 12:00

#### Parallel sessions

1.1 Digital transformation in  
metrological traceability  
1.2 Modelling metrology in  
software for digital transformation\*

13:00 – 15:00

#### Panel session

Digitalization and the SI: a  
collaborative approach (CIPM)

15:30 – 17:30

#### Parallel sessions

2.1 EURAMET metrology - facing  
and solving digital challenges  
2.2 Digital infrastructures and  
technologies

### Day 2

Tuesday 20 SEP

08:30 – 09:30

**Keynote** *Digital information from  
metrology for advanced and  
sustainable manufacturing (Zeiss)*

10:00 – 12:00

#### Parallel sessions

3.1 Digitalization of metrology in  
pharma industry\*  
3.2 Machine-readable digital  
calibration certificates (DCC)\*

13:00 – 15:00

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(IMEKO TC 8)  
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metrology (OIML)

15:30 – 17:00

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the state-of-the-art  
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metrology

Starting 19:00

Conference dinner in Berlin

### Day 3

Wednesday 21 SEP

08:30 – 09:30

#### Keynote

*Uncertainty-aware machine  
learning for metrology (NPL)*

10:00 – 12:00

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*Closing of conference: summary  
and take home messages  
(IMEKO TC 6)*

All times in CEST

\*Special session

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