



**Agenda Item 17.1:**

**Introduction of candidates for the OIML  
DTG Chairperson and Deputy Chairperson**



**Candidacy received: OIML DTG Chairperson**

**Sascha EICHSTÄDT (PTB, Germany)**

## Motivational letter for the application as Chairperson of the OIML DTG

Background and previous tasks by Sascha Eichstädt (PTB)

Digital technologies and their use to make life and work more efficient, effective, and interesting have been in my core interests for over 20 years. In my career I had several opportunities to follow these interests and let them result into actual digital transformation outcomes.

In 2016, after working with PTB for almost 9 years already, I got the opportunity to coordinate the creation of the initial digital transformation strategy of PTB – the first of its kind among metrology institutes. To support the implementation of this strategy, PTB created a dedicated group in the Presidential Staff and a high-level steering committee. I had the honor to lead this working group and to become the Secretary of the steering committee. In these roles I accompanied and partly coordinated the implementation and further development of digital transformation projects across PTB, initiated new collaborations and extended existing ones.

In 2020, after several collaborations and workshops within EURAMET it was decided by the Board of Directors (BoD) to establish a working group on digital transformation in EURAMET TC-IM. I had the opportunity and honor to join the preparations of this working group and became the first Convener of the group. The group's concepts quickly were used as template by other RMOs, such as SIM, APMP and quite recently GULFMET. With the EURAMET WG we've developed the first Digital Transformation Strategy for EURAMET, including an implementation met which we've started implementing in 2021. After a term of two years, I am stepping down as Convener of the EURAMET WG, whilst further supporting the group as active member.

Also in 2020, I had the honor and joy to become the Chairperson of the re-initiated IMEKO TC6. With this group we are increasing the scientific exchanges and coordinated developments in metrology and digital transformation internationally. Already at the IMEKO World Congress in 2021 we were able to organize 4 Sessions on the topic. In 2022 we will organize the first international conference on metrology and digital transformation, with PTB as hosting organization. I am very happy the OIML is among the supporters of this conference!

Thus, I contributed to the establishment of strategic consideration of digital transformation internally at PTB, within EURAMET, and with IMEKO. Legal metrology is an important element of the quality infrastructure, which could benefit from and at the same time is highly affected by the digital transformation. Thus, I am highly motivated and very much interested in joining the efforts of OIML and support its mission to develop and implement corresponding activities. I believe that the OIML DTG is a great opportunity for OIML to take advantage of digital transformation opportunities and to support the legal metrology community facing challenges due to digital transformation. Therefore, I would be very happy and honored to serve as Chairperson of the DTG and to contribute my expertise and experience.



## PROFILE

I am born on 23.03.1982 in Frankenberg/Hainichen, am an enthusiastic networker with a great interest in data science, digital transformation in all areas of life and new working and leadership methods. Against the general buzzword bingo in digitalisation, I focus on clear and understandable communication. Transparency in action is important to me - in my own team as well as beyond. Since the beginning of my time at PTB in 2008, I have always seen myself as part of the metrology community and have consistently expanded networking within and outside PTB. I am characterised by a strategic and considered approach.

## KONTAKT

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<https://github.com/PTB-M4D>

# SASCHA EICHSTÄDT

## ACADEMIC BACKGROUND

### PhD at TU Berlin

2008 – 2012

Topic of thesis „[Analysis of Dynamic Measurements – Evaluation of dynamic measurement uncertainty](#)“

### Diploma in Mathematics at HU Berlin

2002 – 2008

Topic of thesis „A Total-Quasi-Newton Method With Global Convergence For General Nonlinear Optimisation Problems“

### Author or co-author of more than 40 scientific publications

ORCID: <https://orcid.org/0000-0001-7433-583X>

## WORK EXPERIENCE

### PTB: Head of Department „Metrology for digital transformation“

September 2021 –

Team leader; topic lead for “Metrology for sensor networks”; Convenor [EURAMET TC-IM WG M4D](#); Chair [IMEKO TC6](#)

### PTB: Head of Working Group “Coordination Digitalization”

Juni 2017 – May 2021

Team leader; Convenor [EURAMET TC-IM WG M4D](#); Chair [IMEKO TC6](#)

### PTB: Scientist in Department „Mathematical modelling and data analysis“

05/2008 – 06/2017

Mathematical and statistical methods for the evaluation of uncertainty in dynamic measurements

## FURTHER EXPERIENCE AND ROLES

### IMEKO: Chair of TC6 Digitalization

Nov 2020 –

### EURAMET: Convener of TC-IM WG “Metrology for digital transformation”

Aug 2020 –

### EURAMET: Coordinator of EMPIR 17IND12 “Metrology for the factory of the future”

June 2018 – September 2021



**Candidacy received: OIML DTG Deputy Chairperson**

**YANG Ping (NIM, P.R. China)**

# 中华人民共和国国家市场监督管理总局

STATE ADMINISTRATION FOR MARKET REGULATION  
OF THE PEOPLE'S REPUBLIC OF CHINA

Mr. Anthony Donnellan  
Director, BIML

25 March 2022

**Subject: Nomination letter for Dr. Yang Ping as DTG Deputy Chairperson**

Dear Mr. Anthony Donnellan,

As a CIML Member in China, I regret to inform you that Mr. Yandong LIN, China representative of the OIML Digitalisation Task Group (DTG), has handed in his resignation due to personal reasons, and I hope to get your understanding. At the same time, I would like to recommend a more capable candidate, Dr. Ping YANG, Vice Director of the National Institute of Metrology (NIM), for China representative in the DTG.

Dr. Yang graduated from Tsinghua University in China. After joining NIM, he has been specialized in acoustic measurement and supervised some 10 research projects, with a record of some 30 scientific publications in refereed journals and 5 prestigious science awards. Based on these research experiences, he has the ability to understand general scientific concepts and utilize new technologies to innovate in scientific research.

Dr. Yang has held leadership positions in different departments of NIM, including Director of Division of Mechanics and Acoustics, Director of Department of Metrological Services and Quality System, and Vice Director of NIM. With these experiences, he has accumulated wide management experience with outstanding personal abilities. Under his leadership, the departments he served achieved great development.

From international perspective, he has been the Chinese delegate to the CIPM CCAUV since 2009; he was the Chinese delegate to the APMP TCAUV from

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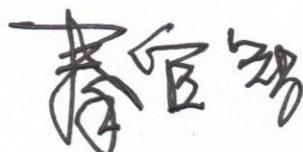
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2007 to 2009; and he has served as Vice Chair and then Chair of the APMP TCQS since 2018. With these experiences, he has demonstrated his capabilities of working internationally, of developing strategies and work plans for a specific task and of working well with people.

NIM, as the national metrology institute of China, is an important participant in China's digital transformation in metrology. It has initiated its work programme and established a group for this initiative. Their current and planned activities cover Digital SI, digital calibration certificates, and remote calibration techniques. During his tenure as the Director of Division of Mechanics and Acoustics, Dr. Yang promoted the cooperation between NIM and PTB in digital transformation in the field of mechanics. Currently, as a vice Director of NIM, he also serves as the Director of Center for Metrology Scientific Data, in charge of the work of digital transformation at NIM. His work experience and current position at NIM will be very helpful for his possible involvement in the DTG.

Based on the above, I think that Dr. Yang has got the basic personal attributes and qualifications required for the OIML DTG membership. Your kind consideration is much appreciated! Both the State Administration for Market Regulation (SAMR) and NIM are willing to provide our full and sustainable support to him if he could have the opportunity to serve this role. Furthermore, if Dr. Yang could join the DTG, I would like to recommend him for a candidate for the Deputy Chairperson of the DTG. I hope that China can make more contributions to DTG with Dr. Yang's excellent abilities and NIM's input in digital transformation.

Sincerely,



QIN Yizhi  
CIML Member in China  
Vice Minister (Ministerial Level)  
State Administration for Market Regulation (SAMR)  
of the People's Republic of China

# CURRICULUM VITAE

YANG Ping



## Personal Particulars:

Date of Birth:	29 June 1976
Nationality:	P.R. China
Education:	PhD, Tsinghua University
Job Title:	Deputy Director of NIM
Employer:	National Institute of Metrology (NIM), China.
E-mail:	yangp@nim.ac.cn

## Professional Experience:

2006.07-2009.09	Acoustic Laboratory, Assistant Researcher in 2006, Associate Researcher in 2007, Division of Mechanics and Acoustics, NIM.
2009.10-2012.04	Head of Acoustic Laboratory, Associate Researcher, Division of Mechanics and Acoustics, NIM.
2011.08-2011.12	Guest Researcher in NPL. Studied High-frequency Hydrophone Calibration, worked with acoustic group.
2012.05-2017.02	Assistant Director of Division of Mechanics and Acoustics, NIM. Senior Researcher in 2015.
2017.03-2018.01	Deputy Director of Division of Mechanics and Acoustics, NIM.
2018.02-2019.12	Director of QMS Department, NIM.
2020.01-2022.01	Director of Division of Mechanics and Acoustics, NIM.
2022.02-Till now	Deputy Director of NIM. Director of Center for Metrology Scientific Data and Energy Metrology.

**Committees:**

2007-2009	TCAUV Member of APMP
2009-Till now	CCAUV Member of CIPM
2018.11-2019.11	Vice Chair of APMP TCQS
2019.11-Till now	Chair of APMP TCQS
2015-Till now	Chair of the National Metrology Technical Committee in acoustic field, which is responsible for the formulation and revision of verification regulation and calibration specification in the field of acoustic and ultrasound.

**Publications:**

More than 40 publications in journal or meetings in the field of ultrasound, acoustic metrology and testing.

**Assessment Experience:**

Assessed more than 10 laboratories in China.

Peer Reviewer for CMS/ITRI (Chinese Taipei) and SCL (Hong Kong).