

# **Microfluidics Association**



# Welcome

**Microfluidics Association (MFA)  
Webinar/Workshop:**

***The road towards user friendly and  
standardized integration of microfluidic  
components and devices***

*May 5, 2022*

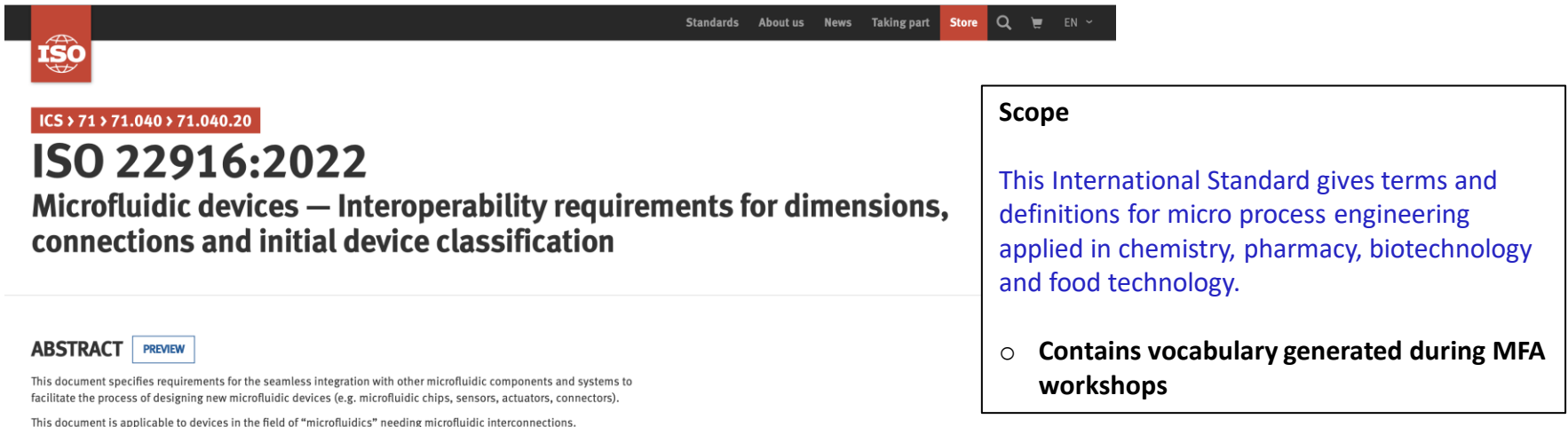
# Agenda

- Introduction by Darwin Reyes (NIST, USA), Chair of the Microfluidics Association
- Technical challenges for the microfluidics industry and the role of the Microfluidics Association
  - Henne van Heeren, enablingMNT, the Netherlands
- Standards as a tool to improve quality and ease integration,
  - Nicolas Verplanck , CEA-Leti, France
- Metrology supports microfluidic fabrication and testing
  - Elsa Batista, IPQ, Portugal
- Q & A
  - Speakers - Panel

# Why becoming an MFA?

## MFA Benefits

1. Great opportunity to network with world industry leaders
2. Workshops and Webinars
3. ISO standardization
4. Resource pages – MFA website
5. Newsletter



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ISO

ICS > 71 > 71.040 > 71.040.20

### ISO 22916:2022

#### Microfluidic devices — Interoperability requirements for dimensions, connections and initial device classification

**ABSTRACT** [PREVIEW](#)

This document specifies requirements for the seamless integration with other microfluidic components and systems to facilitate the process of designing new microfluidic devices (e.g. microfluidic chips, sensors, actuators, connectors).

This document is applicable to devices in the field of “microfluidics” needing microfluidic interconnections.

**Scope**

This International Standard gives terms and definitions for micro process engineering applied in chemistry, pharmacy, biotechnology and food technology.

- **Contains vocabulary generated during MFA workshops**

If you like what we do become a member and support all this work by registering at: <https://microfluidics-association.org/>

# Rules of the workshop

- We will open the floor for questions and full discussion after all presentations.
- **Please send all comments and questions via the chat**, not the Q&A. Feel free to enter your question(s) during and after the presentations.
- If due to time constraints we can't address all questions during the workshop, we will do our best to answer them later, so please visit the MFA website for information regarding this:  
<https://microfluidics-association.org>.

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