

**EMPIR Work Programme**  
**EMPIR Call 2020**  
**Potential Research Topics – Classifications**

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To assist EURAMET in the early stages of reviewing the Potential Research Topics (PRTs) submitted at Stage 1, the submitter is asked to associate their PRT with a “Classification” from the list below. This is only used to make it more likely that similar topics are reviewed together.

The Classifications for the 2020 call are:

<b>TP</b>	<b>Classification</b>
Industry	Dimensional metrology
	Temperature and related quantities metrology
	Electrical and magnetic metrology
	Time and frequency metrology
	Ionising radiation metrology
	Chemical metrology
	Mass and related quantities metrology
	Flow metrology
	Optical metrology
	Acoustical metrology
	Metrology for manufacturing technologies and process control
	AI, big data, IoT
	Other
Fundamental	Novel approaches to overcome noise limits and reduce the invasiveness of measurements.
	Determination of fundamental constants.
	Fundamental metrology on quantum systems.
	Basic research on the interaction between radiation and matter.
	Generic theoretical and mathematical methods relevant for metrology.
	Underpinning interdisciplinary metrology between different disciplines.
	Other metrological applications of fundamental science.
Normative	Strand <sup>1</sup> 1 – Standardisation
	Strand 2 – Regulation
Support for Networks	Networks

<sup>1</sup> The “strands” are defined in the scope for this TP