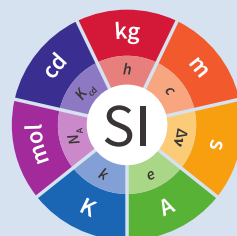


Guide de référencement des ressources  
d'information du BIPM

# Guide to referencing BIPM information resources

1 édition 2023

DRAFT





**Guide to referencing BIPM  
information resources**

**1<sup>st</sup> edition      2023**

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08 February 2023

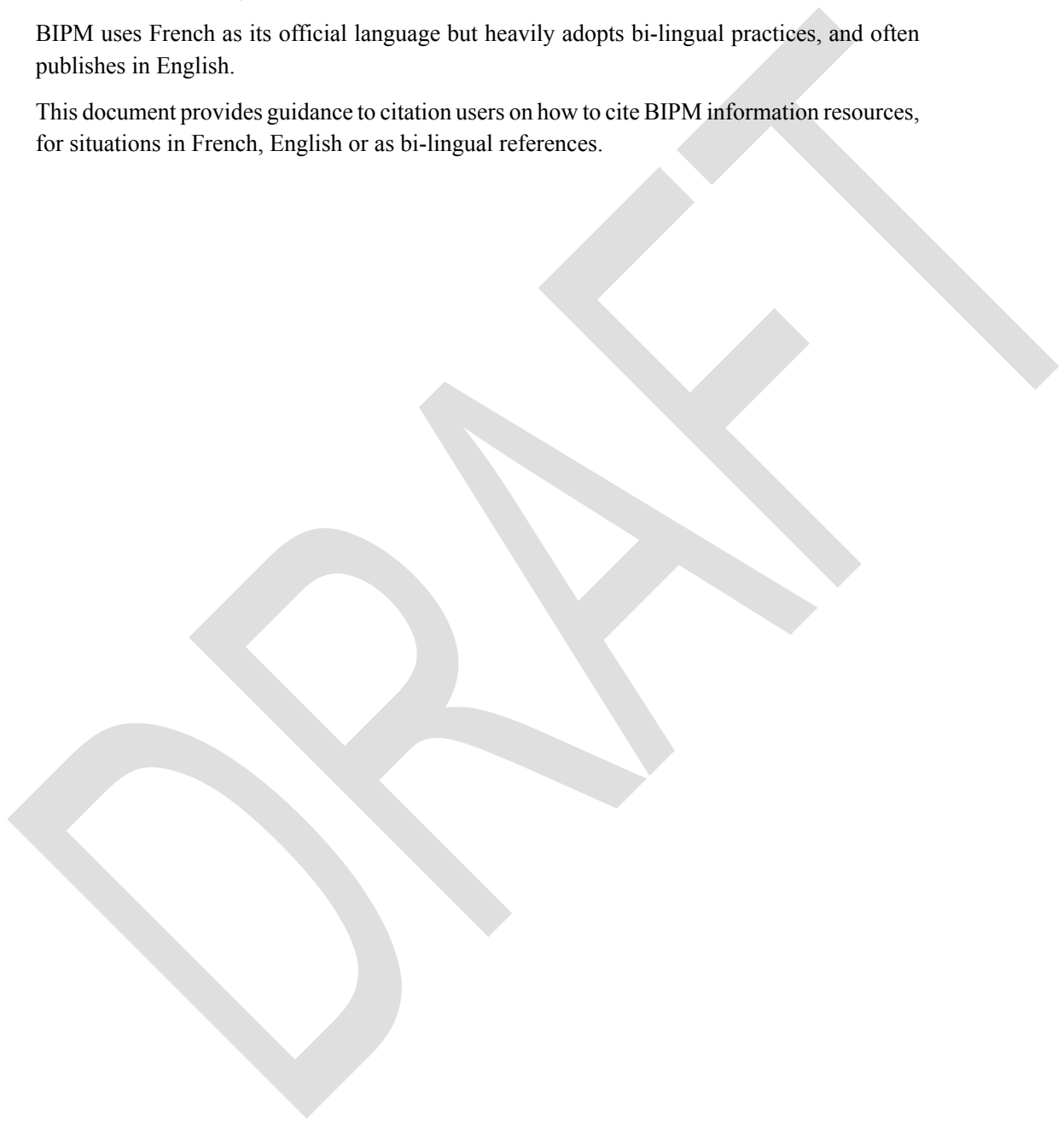
# 1. Introduction

The BIPM is the international organization established by the Metre Convention, through which Member States act together on matters related to measurement science and measurement standards, and the home of the International System of Units (SI) and the international reference time scale (UTC).

The BIPM publishes information resources that are independently citable by third-parties, such as in international standards. This leads to the need to adopt a unified and predictable format for referencing.

BIPM uses French as its official language but heavily adopts bi-lingual practices, and often publishes in English.

This document provides guidance to citation users on how to cite BIPM information resources, for situations in French, English or as bi-lingual references.



## 2. Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 2.1. Information resources

#### 2.1.1. information resource

work manifestation or item in physical or digital form or any other asset that contributes to human knowledge

Note 1 to entry Information resource can refer to an asset, a record, a dataset, a document or a component part of a document.

[Adapted from ISO 690:2021, Clause 3.20]

#### 2.1.2. publication

message or document offered for general distribution or sale and usually produced in multiple copies

Note 1 to entry In this document, the term “publication” is used for the information resources to which the references will be added by authors.

[Adapted from ISO 690:2021, Clause 3.34]

#### 2.1.3. brochure

authoritative *publication* [term defined in Section 2.1.2] of the BIPM

*EXAMPLE* SI Brochure.

#### 2.1.4. mise en pratique

MEP

*publications* [term defined in Section 2.1.2] prepared by the relevant *consultative committees* [term defined in Section 2.2.2] and published by the BIPM

Note 1 to entry mises en pratique may be revised more frequently than the SI Brochure.

#### 2.1.5. guide

publication that offers guidance on a particular topic

#### 2.1.6. monographie

publication of the BIPM that offers insights into one particular topic

#### 2.1.7. working party note

WPN

publication of the BIPM developed by working groups or working parties offering informative information about a particular topic

#### 2.1.8. strategy document

publication of committees and groups documenting the strategy of the committee or group

### **2.1.9. meeting document**

publication of committees and groups documenting topics of concern of a meeting

### **2.1.10. proceeding / meeting report**

publication of committees and groups documenting details of an occurred meeting, such as minutes and outcomes

### **2.1.11. workshop**

meeting that addresses a particular topic

### **2.1.12. outcome**

statement of action originating from a meeting or a group

*EXAMPLE* Resolution, decision or statement are different types of meeting outcomes.

### **2.1.13. decision**

*outcome* [term defined in Section 2.1.12] documenting a decision

### **2.1.14. resolution**

*outcome* [term defined in Section 2.1.12] documenting a resolution

### **2.1.15. recommendation**

*outcome* [term defined in Section 2.1.12] documenting a recommendation

### **2.1.16. statement**

*outcome* [term defined in Section 2.1.12] documenting a statement

## **2.2. Bodies**

### **2.2.1. committee**

group of appointed members tasked to achieve a specific mission by an authoritative body

### **2.2.2. consultative committee**

*committee* [term defined in Section 2.2.1] as part of CIPM with designated responsibilities in a particular metrology domain

*EXAMPLE* CCM.

### **2.2.3. joint committee**

*committee* [term defined in Section 2.2.1] composed of BIPM representatives and one or more partner organizations

*EXAMPLE* JCGM.

### **2.2.4. working group**

group under a *committee* [term defined in Section 2.2.1] appointed to achieve specific tasks through operation by consensus, reports and gives recommendations

**2.2.5. ad hoc working group**

*working group* [term defined in Section 2.2.4] under a non-permanent mandate

**2.2.6. discussion group**

group under a *committee* [term defined in Section 2.2.1] appointed to discuss issues

**2.2.7. task group**

group under a *committee* [term defined in Section 2.2.1] appointed to achieve a specific task

**2.2.8. CIPM**

Comité international des poids et mesures / International Committee for Weights and Measures

**2.2.9. CGPM**

Conférence générale des poids et mesures / General Conference on Weights and Measures

**2.2.10. CIPM MRA**

framework through which National Metrology Institutes demonstrate the international equivalence of their measurement standards and mutual acceptance of the calibration and measurement certificates they issue

### 3. Types of information resources

BIPM publishes a number of information resources that can be individually citable, including the following:

- Relevant to meetings
  - Meetings
  - Proceedings / Meeting reports (Chapter 6, see p. 12)
  - Meeting outcomes (decisions, resolutions, recommendations, statement) (Chapter 7, Chapter 8, see p. 18)
- Publications
  - Convention (Chapter 9, see p. 19)
    - o The Metre Convention and Annexed Regulations
  - Brochure (Chapter 10, see p. 20)
    - o SI Brochure
  - mises en pratique (Chapter 11, see p. 21)
    - o Recommended values of standard frequencies
  - Guides (Chapter 12, see p. 22)
    - o JCGM Publications: Guides in Metrology
    - o Guidance documents on the CIPM MRA
  - Rapports (Chapter 13, see p. 23)
  - Monographies (Chapter 14, see p. 24)
  - Working party note (Chapter 15, see p. 25)
- Internal documents (Chapter 16, see p. 26)
  - Policy documents
  - Strategy documents
  - Meeting documents
- Entities (Chapter 17, see p. 27)
  - Committees
  - Working groups
  - Discussion groups
- Workshops (Chapter 18, see p. 28)

These information resources are published by various entities within the BIPM, including:

- CIPM
- CGPM
- CIPM Consultative Committees
  - Working groups
  - Discussion groups
  - Task groups
- Joint committees
  - Working groups
  - Discussion groups

The full list of groups are available at Appendix 1.

## 4. Principles of referencing

### 4.1. General

This clause describes the principles of referencing.

### 4.2. Specificity of references

When referencing an information resource, care should be taken to refer to the exact information resource at an appropriate granularity.

Information resources can be arranged in a hierarchical manner, such as a proceedings publication containing many meeting outcomes.

When referencing a meeting outcome, one can refer to the meeting outcome independently or to the meeting outcome as documented in the proceedings. In this case, the reference should be made to the independent meeting outcome, not the one contained.

Always prefer referencing the exact information resource over referencing an indirect information resource.

### 4.3. Language-specific or language-independent settings

BIPM is a bi-lingual organization, and most publications are issued in both languages.

References can be made in single language or language-independent settings:

- When a reference points to a publication of a particular language, the reference is made towards the publication's text in that particular language;
- When a reference is made without specification of a particular language, the reference is made towards the publication described in both languages.

A language-independent reference is preferred over a language-specific reference.

This preference is not related to the language used in the medium carrying the citation.

*EXAMPLE* In an English publication, it is still preferred to refer to the language-independent decision instead of the English decision.

## 5. Information resource reference types

### 5.1. Publication identifiers

The publication identifier is used for:

- referencing a publication within textual content;
- unique identification of a publication, such as in being a bibliographic citation tag.

### 5.2. Bibliographic citations

The bibliographic citation reference format is used for referencing a publication in a bibliography or references section.

The BIPM adopts [ISO 690:2021](#) for its citation reference format.

The general pattern is as follows:

{author}. \_{title}\_ . {Available at: {location}}

### 5.3. Document object identifiers (DOI)

The Digital Object Identifier (DOI) is an identifier defined in [ISO 26324:2022](#) for the unique referencing of information resources through the DOI name resolution system operated by the DOI Foundation.

The DOI identifier is a case-insensitive string under the namespace of the BIPM's organization DOI code.

The pattern of the DOI is as follows.

doi:10.xxxxx/{item-doi}

Where,

item-doi      the DOI name identifying the information resource.

### 5.4. Uniform resource names (URNs)

Uniform resource names (URNs) are defined in [IETF RFC 8141](#) as unique identifiers for information resources.

BIPM defines a URN syntax to identify the multitude of information resources it publishes.

***EDITORIAL NOTE***

*BIPM needs to register its URN scheme with IETF.*

An information resources can contain one or more information resources. Each information resource can be directly identified by exactly one URN.

The pattern of the URN for a BIPM published information resource is as follows.

urn:bipm:{version}:{group}:{venue-type}:{venue-id}:{type}:{identifier}:{date}

Where,

- version identifies the version of the URN pattern. The syntax described in this document is considered as v1. The only allowed value is v1.
- group group responsible for the creation of the information resource. Values available at Appendix 1.
- venue-type (optional) type of venue where this information resource is produced
- venue-id (optional) identifier of the venue where this information resource is produced
- type type of information resource
- identifier unique identifier of the information resource within scope of the information resource type
- date date of publication of the information resource

## 6. Meeting proceedings / meeting reports

### 6.1. General

This document defines reference formats for meeting proceedings or meeting reports.

### 6.2. Publication identifier

The general pattern is as follows:

{group-short-name} {meeting-sequence} {venue} ({year})

Where,

group-short-name is the short name of the publishing group.

*EXAMPLE 1* CIPM.

meeting-sequence is the sequence number of the subject meeting in ordinal format.

*EXAMPLE 2* 111e in French.

*EXAMPLE 3* 111th in English.

venue is the French or English name of the gathering.

*EXAMPLE 4* “réunion” in French.

*EXAMPLE 5* “meeting” in English.

year year of the subject meeting.

*EXAMPLE 6* 2022.

*EXAMPLE 7* CIPM 111th meeting (2022).

*EXAMPLE 8* CIPM 111e réunion (2022)

### 6.3. Bibliographic citations

#### 6.3.1. General

This document defines the citation syntax for meeting proceedings or meeting reports to be used when referencing from a bibliographic section.

#### 6.3.2. Syntax components

In the following clauses, these components are used to describe particular parts of the reference syntax.

group-name is the name of the publishing group

group-short-name is the short name of the publishing group.

proceedings-name	is the English or French name of the proceedings publication or report of the subject meeting.
meeting-sequence	is the sequence number of the subject meeting in ordinal format.
location	is the web-accessible location of the proceedings publication or report.

*EXAMPLE* <https://www.bipm.org/documents/20126/30876792/CGPM26.pdf/9db96c32-a986-e32a-09f9-3ed7e6c77cf7>

### 6.3.3. Single language: French

The general pattern is as follows:

{group-name}. {proceedings-name}. Disponible à: {location}  
Where,

group-name is the name of the publishing group

*EXAMPLE 1* “Conférence générale des poids et mesures.” in French.

proceedings-name is the English or French name of the proceedings publication or report of the subject meeting.

*EXAMPLE 2* “Comptes rendus de la 26e réunion de la CGPM.” in French.

*EXAMPLE 3* Conférence générale des poids et mesures. Comptes rendus de la 26e réunion de la CGPM. Available at: <https://www.bipm.org/documents/20126/30876792/CGPM26.pdf/9db96c32-a986-e32a-09f9-3ed7e6c77cf7>

In the full-length syntax, the year of the meeting is not given.

### 6.3.4. Single language: English

The general pattern is as follows:

{group-name}. {proceedings-name}. Available at: {location}  
Where,

group-name is the name of the publishing group

*EXAMPLE 1* “General Conference on Weights and Measures.” in English.

proceedings-name is the English or French name of the proceedings publication or report of the subject meeting.

*EXAMPLE 2* “Proceedings of the 26th meeting of the CGPM.” in English.

*EXAMPLE 3* General Conference on Weights and Measures. Proceedings of the 26th meeting of the CGPM. Available at: <https://www.bipm.org/documents/20126/30876792/CGPM26.pdf/9db96c32-a986-e32a-09f9-3ed7e6c77cf7>

In the full-length syntax, the year of the meeting is not given.

## 7. Meeting outcomes: singular

### 7.1. General

BIPM outcomes are outcomes of committees or any consultative group.

### 7.2. Syntax components

In the following clauses, these components are used to describe particular parts of the reference syntax.

group-name	is the name of the publishing group
resource-type	is the English or French name of the outcome type
resource-specific-id	is the identifier of the outcome.
year	is the year when the outcome was published

### 7.3. Publication identifier

#### 7.3.1. General

The publication identifier is used for referencing in a bibliography or outside content text, because they are unambiguous and easily understandable identifiers.

#### 7.3.2. Syntax components

In the following clauses, these components are used to describe particular parts of the reference syntax.

resource-type-short is the English or French name of the outcome type in short

The resource-type-short value can be one of:

RES	Resolution / Résolution
REC	Recommendation / Recommandation
DEC	Decision / Décision
DECL	Déclaration / Statement

#### 7.3.3. Single language: French

The pattern is as follows:

{group-name} {resource-type-short} {resource-specific-id} ({year}, F)

*EXAMPLE 1* CGPM RES 1 (1889, F).

*EXAMPLE 2* CCDS REC 2 (1970, F).

*EXAMPLE 3* CGPM RES 1 (2018, F).

*EXAMPLE 4* CIPM DECN 111-10 (2022, F).

*EXAMPLE 5* JCRB REC 43-1 (2021, F).

### 7.3.4. Single language: English

The pattern is as follows:

{group-name} {resource-type-short} {resource-specific-id} ({year}, E)

*EXAMPLE 1* CGPM RES 1 (1889, E).

*EXAMPLE 2* CCDS REC 2 (1970, E).

*EXAMPLE 3* CGPM RES 1 (2018, E).

*EXAMPLE 4* CIPM DECN 111-10 (2022, E).

*EXAMPLE 5* JCRB REC 43-1 (2021, E).

### 7.3.5. Language-independent

{group-name} {resource-type-short} {resource-specific-id} ({year})

*EXAMPLE 1* CGPM RES 1 (1889).

*EXAMPLE 2* CCDS REC 2 (1970).

*EXAMPLE 3* CGPM RES 1 (2018).

*EXAMPLE 4* CIPM DECN 111-10 (2022).

*EXAMPLE 5* JCRB REC 43-1 (2021).

## 7.4. Bibliographic citation

### 7.4.1. General

The full-length syntax is used for referencing within text because they uniquely identify an information resource with adequate readability.

### 7.4.2. Single language: French

The general pattern is as follows:

{resource-type} {resource-specific-id} {conjunctive} {group-name} ({year})

Where,

conjunctive is the French conjunctive that connects the resource label and the group name.

For CIPM and the Consultative Committees the conjunctive is “du”;

	For the CGPM	the conjunctive is “de la”.
resource-type	is one of the following:	
	Résolution	For a Resolution;
	Recommandation	For a Recommendation;
	Décision	For a Decision;
	Déclaration	For a Statement;

*EXAMPLE 1* Résolution 1 de la CGPM (1889).

*EXAMPLE 2* Recommandation 2 du CCDS (1970).

*EXAMPLE 3* Résolution 1 de la CGPM (2018).

For Decisions of the CIPM (since 2012), and Recommendations/Resolutions/Decisions of the JCRB, the pattern is:

{resource-type} {group-name}/{resource-specific-id} ({year})

*EXAMPLE 4* Décision CIPM/111-10 (2022).

*EXAMPLE 5* Recommandation JCRB/43-1 (2021).

### 7.4.3. Single language: English

The pattern is as follows:

{group-name} {resource-type} {resource-specific-id} ({year})

Where,

resource-type	is one of the following:	
	Resolution	For a Resolution
	Recommendation	For a Recommendation
	Decision	For a Decision
	Statement	For a Statement

*EXAMPLE 1* CGPM Resolution 1 (1889).

*EXAMPLE 2* CCDS Recommendation 2 (1970).

*EXAMPLE 3* CGPM Resolution 1 (2018).

*EXAMPLE 4* CIPM Decision 111-10 (2022).

*EXAMPLE 5* JCRB Recommendation 43-1 (2021).

### 7.4.4. Language-independent

The pattern is as follows:

{identifier in English} / {identifier in French}

Where,

identifier in English refers to the full-length syntax identifier in the English language described in Section 7.4.3.

identifier in French refers to the full-length syntax identifier in the French language Section 7.4.2.

*EXAMPLE 1* CGPM Resolution 1 (1889) / Résolution 1 (1889).

*EXAMPLE 2* CCDS Recommendation 2 / Recommendation 2 (1970).

*EXAMPLE 3* CGPM Resolution 1 (2018) / Résolution 1 (2018).

*EXAMPLE 4* CIPM Decision 111-10 (2022) / Décision CIPM/111-10 (2022).

*EXAMPLE 5* JCRB Recommendation 43-1 (2021) / Recommandation JCRB/43-1 (2021).

## 7.5. URN

*EXAMPLE 1* <https://www.bipm.org/en/committees/ci/cipm/95-2006/recommendation-1>  
urn:bipm:v1:cipm:95-2006:resolution:1

*EXAMPLE 2* CIPM Decision CIPM/110-17 (2021) urn:bipm:v1:cipm:decision:110-17:  
2021

*EXAMPLE 3* CGPM Resolution <https://www.bipm.org/en/committees/cg/cgpm/26-2018/resolution-1> urn:bipm:v1:cgpm:26:2018:resolution:1

*EXAMPLE 4* Proceedings of the 26th CGPM (2018), 2019, p472 urn:bipm:v1:cgpm:  
meeting-26:2018:proceedings:2019

## 8. Meeting outcomes: all

### 8.1. General

### 8.2. Syntax components

### 8.3. Publication identifier

The general pattern is as follows:

{group-short-name} {meeting-sequence} {venue} -- {outcomes-type} ({year})

Where,

group-short-name is the short name of the publishing group.

*EXAMPLE 1* CIPM.

meeting-sequence is the sequence number of the subject meeting in ordinal format.

*EXAMPLE 2* 111e in French.

*EXAMPLE 3* 111th in English.

venue is the French or English name of the gathering.

*EXAMPLE 4* “réunion” in French.

*EXAMPLE 5* “meeting” in English.

outcomes-type type of outcomes.

*EXAMPLE 6* “Décisions” in French.

*EXAMPLE 7* “Decisions” in English.

year year of the subject meeting.

*EXAMPLE 8* 2022.

*EXAMPLE 9* CIPM 111th meeting—Decisions (2022)

*EXAMPLE 10* CIPM 111e réunion—Décisions (2022)

### 8.4. Bibliographic citation

### 8.5. URN

## **9. Convention and its articles**

### **9.1. General**

*EXAMPLE*      The Metre Convention and Annexed Regulations

### **9.2. Publication identifier**

### **9.3. Bibliographic citation**

### **9.4. URN**

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## 10. SI Brochure

### 10.1. General

The SI Brochure is the BIPM publication that defines the SI system.

### 10.2. Publication identifier

*EXAMPLE* “SI Brochure 9e”.

### 10.3. Bibliographic citation

*EXAMPLE* “BIPM, The International System of Units (SI Brochure) [9th edition, 2019], <https://www.bipm.org/en/publications/si-brochure/>.”

### 10.4. URN

For the SI Brochure, it uses the following pattern:

urn:bipm:v1:bipm:si-brochure:{edition-number}

## **11. Mise en pratique**

### **11.1. General**

### **11.2. Publication identifier**

### **11.3. Bibliographic citation**

### **11.4. URN**

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## **12. Guide**

### **12.1. General**

### **12.2. Publication identifier**

### **12.3. Bibliographic citation**

### **12.4. URN**

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## **13. Rapport**

### **13.1. General**

### **13.2. Publication identifier**

### **13.3. Bibliographic citation**

### **13.4. URN**

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## **14. Monographie**

### **14.1. General**

### **14.2. Publication identifier**

### **14.3. Bibliographic citation**

### **14.4. URN**

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## **15. Working party note**

### **15.1. General**

### **15.2. Publication identifier**

### **15.3. Bibliographic citation**

### **15.4. URN**

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## 16. Internal documents

### 16.1. General

- Policy document
- Strategy document
- Meeting document

*EXAMPLE* Policy document: Compendium of main rules and practices applicable to the BIPM, October 2018.

### 16.2. Publication identifier

### 16.3. Bibliographic citation

### 16.4. URN

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## **17. Entity**

### **17.1. General**

### **17.2. Publication identifier**

### **17.3. Bibliographic citation**

### **17.4. URN**

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## **18. Workshop**

### **18.1. General**

### **18.2. Publication identifier**

### **18.3. Bibliographic citation**

### **18.4. URN**

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## Appendix 1. BIPM groups and codes

**Table 1.1. Bodies and committees**

Identifiant	Code	Name (fr)	Name (en)
CIPM	cipm	Comité international des poids et mesures	International Committee for Weights and Measures
CGPM	cgpm	Conférence générale des poids et mesures	General Conference on Weights and Measures
BIPM	bipm	Secrétariat	Secretariat
CIPM MRA	cipm-mra	L'Arrangement de reconnaissance mutuelle du CIPM	CIPM Mutual Recognition Arrangement

**Table 1.2. CIPM consultative committees**

Identifiant	Code	Name (fr)	Name (en)
CCAUV	ccauv	Comité consultatif de l'acoustique, des ultrasons et des vibrations	Consultative Committee for Acoustics, Ultrasound and Vibration
CCEM	ccem	Comité consultatif d'électricité et magnétisme	Consultative Committee for Electricity and Magnetism
CCL	ccl	Comité consultatif des longueurs	Consultative Committee for Length
CCM	ccm	Comité consultatif pour la masse et les grandeurs apparentées	Consultative Committee for Mass and Related Quantities
CCPR	ccpr	Comité consultatif de photométrie et radiométrie	Consultative Committee for Photometry and Radiometry
CCQM	ccqm	Comité consultatif pour la quantité de matière : métrologie en chimie et biologie	Consultative Committee for Amount of Substance: Metrology in Chemistry and Biology
CCRI	ccri	Comité consultatif des rayonnements ionisants	Consultative Committee for Ionizing Radiation
CCT	cct	Comité consultatif de thermométrie	Consultative Committee for Thermometry
CCTF	ccf	Comité consultatif du temps et des fréquences	Consultative Committee for Time and Frequency
CCU	ccu	Comité consultatif des unités	Consultative Committee for Units

**Table 1.3. Joint committees**

Identifiant	Code	Name (fr)	Name (en)
JCGM	jcgm	Comité commun pour les guides en métrologie	Joint Committee for Guides in Metrology
JCRB	jcrb	Comité mixte des organisations régionales de métrologie et du BIPM	Joint Committee of the Regional Metrology Organizations and the BIPM
JCTLM	jctlm	Comité commun pour la traçabilité en médecine de laboratoire	Joint Committee for Traceability in Laboratory Medicine

**Table 1.4. Groups**

Identifiant	Code	Name (fr)	Name (en)
<i>Working groups: CIPM</i>			
CIPM-PFAB	cipm-pfab	<b>TODO</b>	BIPM Pension Fund Advisory Board
CIPM-SC-STRATEGY	cipm-sc-strategy	<b>TODO</b>	CIPM Sub-Committee on Strategy
CIPM-SC-FINANCE	cipm-sc-finance	<b>TODO</b>	CIPM Sub-Committee on Finance
CIPM-TG-DSI	cipm-tg-dsi	<b>TODO</b>	CIPM Task Group on the Digital SI
CIPM-WG-EMPLOYMENT	cipm-wg-employment	<b>TODO</b>	CIPM ad hoc Working Group on Conditions of Employment
<i>Working groups: CGPM</i>			
CEC	cgpm-cec	Commission pour l'élection du CIPM	Committee for CIPM Election
WG-MS	cgpm-wg-ms	Groupe de travail des représentants des États Membres	Working Group of Member State Representatives
<i>Working groups: CCAUV</i>			
CCAUV-KCWG	ccauv-kcwg	<b>TODO</b>	CCAUV Working Group for Key Comparisons
CCAUV-SPWG	ccauv-spwg	<b>TODO</b>	CCAUV Working Group on Strategic Planning
CCAUV-RMOWG	ccauv-rmowg	<b>TODO</b>	CCAUV Working Group for RMO Coordination

*Working groups: CCEM*

Identifier	Code	Name (fr)	Name (en)
CCEM-GT-RF	ccecm-gt-rf	<b>TODO</b>	CCEM Working Group on Radiofrequency Quantities
CCEM-WGLF	ccecm-wglf	<b>TODO</b>	CCEM Working Group on Low-Frequency Quantities
CCEM-WGRMO	ccecm-wgrmo	<b>TODO</b>	CCEM Working Group on RMO Coordination
<i>Working groups: CCL</i>			
CCL-TG-DIG	ccl-tg-dig	<b>TODO</b>	CCL Task Group on Digitalization
CCL-WG-MRA	ccl-wg-mra	<b>TODO</b>	CCL Working Group on the CIPM MRA
CCL-WG-N	ccl-wg-n	<b>TODO</b>	CCL Working Group on Dimensional Nanometrology
CCL-WG-S	ccl-wg-s	<b>TODO</b>	CCL Working Group on Strategic Planning
CCL-CCTF-WGFS	ccl-cctf-wgfs	<b>TODO</b>	CCL-CCTF Working Group on Frequency Standards
<i>Discussion groups: CCL</i>			
CCL-DG1	ccl-dg1	<b>TODO</b>	CCL Discussion Group on gauge blocks (short & long)
CCL-DG2	ccl-dg2	<b>TODO</b>	CCL Discussion Group on thermal expansion (of dimensional artefacts)
CCL-DG3	ccl-dg3	<b>TODO</b>	CCL Discussion Group on angle
CCL-DG4	ccl-dg4	<b>TODO</b>	CCL Discussion Group on cylindrical diameter standards
CCL-DG5	ccl-dg5	<b>TODO</b>	CCL Discussion Group on step gauge
CCL-DG6	ccl-dg6	<b>TODO</b>	CCL Discussion Group on coordinate metrology
CCL-DG7	ccl-dg7	<b>TODO</b>	CCL Discussion Group on linescales
CCL-DG8	ccl-dg8	<b>TODO</b>	CCL Discussion Group on surface texture
CCL-DG11	ccl-dg11	<b>TODO</b>	CCL Discussion Group on mise en pratique lasers and femtosecond combs

*Working groups: CCM*

Identifier	Code	Name (fr)	Name (en)
CCM-TGPfD-kg	ccm-tgpfd-kg	<b>TODO</b>	CCM Task Group on the Phases for the Dissemination of the kilogram following redefinition
CCM-WGDV	ccm-wgdv	<b>TODO</b>	CCM Working Group on Density and Viscosity
CCM-WGFF	ccm-wgff	<b>TODO</b>	CCM Working Group on Fluid Flow
CCM-WGFT	ccm-wgft	<b>TODO</b>	CCM Working Group on Force and Torque
CCM-WGG	ccm-wgg	<b>TODO</b>	CCM Working Group on Gravimetry
CCM-WGH	ccm-wgh	<b>TODO</b>	CCM Working Group on Hardness
CCM-WGM	ccm-wgm	<b>TODO</b>	CCM Working Group on Mass
CCM-WGPV	ccm-wgpv	<b>TODO</b>	CCM Working Group on Pressure and Vacuum
CCM-WGS	ccm-wgs	<b>TODO</b>	CCM Working Group on Strategy and MRA coordination
<i>Working groups: CCPR</i>			
CCPR-WG-CMC	ccpr-wg-cmc	<b>TODO</b>	CCPR Working Group on CMCs
CCPR-WG-KC	ccpr-wg-kc	<b>TODO</b>	CCPR Working Group on Key Comparisons
CCPR-WG-SP	ccpr-wg-sp	<b>TODO</b>	CCPR Working Group on Strategic Planning

*Working groups: CCQM*

Identifier	Code	Name (fr)	Name (en)
CCQM-ah-WG-Mole	ccqm-ah-wg-mole	<b>TODO</b>	CCQM ad hoc Working Group on the Mole
CCQM-CAWG	ccqm-cawg	<b>TODO</b>	CCQM Working Group on Cell Analysis
CCQM-EAWG	ccqm-eawg	<b>TODO</b>	CCQM Working Group on Electrochemical Analysis
CCQM-GAWG	ccqm-gawg	<b>TODO</b>	CCQM Working Group on Gas Analysis
CCQM-IAWG	ccqm-iawg	<b>TODO</b>	CCQM Working Group on Inorganic Analysis
CCQM-IRWG	ccqm-irwg	<b>TODO</b>	CCQM Working Group on Isotope Ratios
CCQM-KCWG	ccqm-kewg	<b>TODO</b>	CCQM WG on Key Comparisons and CMC Quality
CCQM-NAWG	ccqm-nawg	<b>TODO</b>	CCQM Working Group on Nucleic Acid Analysis
CCQM-OAWG	ccqm-oawg	<b>TODO</b>	CCQM Working Group on Organic Analysis
CCQM-PAWG	ccqm-pawg	<b>TODO</b>	CCQM Working Group on Protein Analysis
CCQM-SAWG	ccqm-sawg	<b>TODO</b>	CCQM Working Group on Surface Analysis
CCQM-SPWG	ccqm-spwg	<b>TODO</b>	CCQM Strategic Planning Working Group
<i>Task groups: CCQM</i>			
CCQM-TG-PANDEMIC	ccqm-tg-pandemic	<b>TODO</b>	CCQM Task Group on Infectious Disease Diagnostics and Metrology for Pandemic Preparedness
<i>Sections: CCRI</i>			
CCRI(I)	ccri-i	<b>TODO</b>	CCRI Section I: X- and gamma rays, charged particles
CCRI(II)	ccri-ii	<b>TODO</b>	CCRI Section II: Measurement of radionuclides
CCRI(III)	ccri-iii	<b>TODO</b>	CCRI Section III: Neutron measurements

*Working groups: CCRI*

Identifier	Code	Name (fr)	Name (en)
CCEM-CCRI-TG-LCM	ccecm-ccri-tg-lcm	<b>TODO</b>	CCEM-CCRI Task Group—Low Current Measurement
CCRI-COMWG	ccri-comwg	<b>TODO</b>	CCRI Communication Working Group
CCRI-RMOWG	ccri-rmowg	<b>TODO</b>	CCRI RMO Working Group on IR CMCs
CCRI-BSWG(I)	ccri-bswg(I)	<b>TODO</b>	CCRI Section I: Brachytherapy Standards Working Group
CCRI-KCWG(I)	ccri-kcwg(I)	<b>TODO</b>	CCRI Section I: Key Comparisons Working Group
CCRI-KCWG(II)	ccri-kcwg(II)	<b>TODO</b>	CCRI Section II: Key Comparisons Working Group
CCRI-RTWG	ccri-rtwg	<b>TODO</b>	CCRI Radionuclide Therapy and Quantitative Imaging Working Group
CCRI-SWG	ccri-swg	<b>TODO</b>	CCRI ad hoc Working Group on Strategy
CCRI-TG-RS	ccri-tg-rs	<b>TODO</b>	CCRI Task Group on radioactive sources and alternative technologies

*Working groups: CCT*

CCT-TG-Dig	cct-tg-dig	<b>TODO</b>	CCT Task Group on Digitalization
CCT-TG-ThQ	cct-tg-thq	<b>TODO</b>	CCT Task Group for Thermophysical Quantities
CCT-WG-CMC	cct-wg-cmc	<b>TODO</b>	CCT Working Group for Calibration and Measurement Capabilities
CCT-WG-CTh	cct-wg-cth	<b>TODO</b>	CCT Working Group for Contact Thermometry
CCT-WG-Env	cct-wg-env	<b>TODO</b>	CCT Working Group for Environment
CCT-WG-Hu	cct-wg-hu	<b>TODO</b>	CCT Working Group for Humidity
CCT-WG-KC	cct-wg-kc	<b>TODO</b>	CCT Working Group for Key Comparisons
CCT-WG-NCTh	cct-wg-ncth	<b>TODO</b>	CCT Working Group for Non-Contact Thermometry
CCT-WG-SP	cct-wg-sp	<b>TODO</b>	CCT Working Group for Strategic Planning

*Working groups: CCTF*

Identifier	Code	Name (fr)	Name (en)
CCL-CCTF-WGFS	ccl-cctf-wgfs	<b>TODO</b>	CCL-CCTF Working Group on Frequency Standards
CCTF-WG-ALGO	cctf-wg-algo	<b>TODO</b>	CCTF Working Group on Time Scale Algorithms
CCTF-WGATFT	cctf-wgatft	<b>TODO</b>	CCTF Working Group on Coordination of the Development of Advanced Time and Frequency Transfer Techniques
CCTF-WGGNSS	cctf-wggnss	<b>TODO</b>	CCTF Working Group on GNSS Time Transfer
CCTF-WGMRA	cctf-wgmra	<b>TODO</b>	CCTF Working Group on the CIPM MRA
CCTF-WGPSFS	cctf-wgpsfs	<b>TODO</b>	CCTF Working Group on Primary and Secondary Frequency Standards
CCTF-WGSP	cctf-wgsp	<b>TODO</b>	CCTF Working Group on Strategic Planning
CCTF-WGTAI	cctf-wgtai	<b>TODO</b>	CCTF Working Group on TAI
CCTF-WGTWSTFT	cctf-wgtwstft	<b>TODO</b>	CCTF Working Group on Two-Way Satellite Time and Frequency Transfer

*Working groups: CCU*

CCU-TG-ADQSIB	ccu-tg-adqsib	<b>TODO</b>	CCU Task Group on angle and dimensionless quantities in the SI Brochure
CCU-WG-CMT	ccu-wg-cmt	<b>TODO</b>	CCU Working Group on Core Metrological Terms
CCU-WG-CMT-FG	ccu-wg-cmt-fg	<b>TODO</b>	CCU Working Group on Core Metrological Terms Focus Group
CCU-WG-S	ccu-wg-s	<b>TODO</b>	CCU Working Group on Strategy

*Working groups: JCGM*

JCGM-WG1	jcgm-wg1	<b>TODO</b>	JCGM Working Group on the Expression of Uncertainty in Measurement
JCGM-WG2	jcgm-wg2	<b>TODO</b>	JCGM Working Group on the International Vocabulary of Metrology

*Working groups: JCTLM*

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Identifiant	Code	Name (fr)	Name (en)
JCTLM-DBWG	jctlm-dbwg	<b>TODO</b>	JCTLM Database Working Group
JCTLM-TEPWG	jctlm-tepwg	<b>TODO</b>	JCTLM Working Group on Traceability: Education and Promotion
JCTLM-TF-RMSI	jctlm-tf-rmsi	<b>TODO</b>	JCTLM Task Force on Reference Measurement System Implementation

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- [1] BIPM SI Brochure Bureau international des poids et mesures. *The International System of Units*. 9th edition. Bureau international des poids et mesures.
- [2] ISO 690:2021 International Organization for Standardization. *Information and documentation—Guidelines for bibliographic references and citations to information resources*. 4th edition. 2021. Geneva. <https://www.iso.org/standard/72642.html>.
- [3] ISO 26324:2022 International Organization for Standardization. *Information and documentation—Digital object identifier system*. 2nd edition. 2022. Geneva. <https://www.iso.org/standard/81599.html>.
- [4] IETF RFC 8141 P. SAINT-ANDRE and J. KLENSIN. *Uniform Resource Names (URNs)*. In: RFC. 2017. RFC Publisher. <https://www.rfc-editor.org/info/rfc8141>.