



ISO/TC 197
Hydrogen technologies

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Draft agenda -28th ISO TC 197 plenary meeting r4

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Background: Please find attached a meeting agenda for the 2019 Grenoble Plenary Meeting.

Committee URL: <https://isotc.iso.org/livelink/livelink/open/tc197>

**NOTICE OF MEETING / DRAFT AGENDA
CONVOCAATION / PROJET D'ORDRE DU JOUR**

Date 2019-11-26

Reference

ISO/TC197 N 1112

Title of / Titre du TC

**HYDROGEN TECHNOLOGIES
TECHNOLOGIES DE L'HYDROGENE**Secretariat / Secrétariat
SCC/BNQ (see contact below)

Host / Invitant

AFNOR

MEETING / RÉUNION TC 197 – Annual Meeting #28
Meeting dates / Dates de la réunion **December 12th & 13th, 2019**
(Thursday Dec 12th 9 h to 17 h & Friday Dec 13th 9 h to 13 h 15)**Place / Lieu:** Minatec
3 Parvis Louis Néel
38054 Grenoble
France**Meeting room/Salle de conférence:** TBD**NOTE:**

The names of delegates (or observers) and the name of the head of the delegation should also be sent to the secretariat of the committee, at least 3 weeks prior to the opening of the meeting (**Nov. 18th, 2019**).

Une liste indiquant les noms des délégués (ou observateurs), ainsi que le nom du chef de la délégation, devrait également parvenir au secrétariat du comité 3 semaine au moins avant l'ouverture de la réunion (**18 nov. 2019**).

**Parallel meetings to be held in conjunction to the ISO/TC 197 plenary meeting
Réunions parallèles qui seront tenues conjointement avec la reunion plénière de l'ISO/TC 197**

Working group/ Groupe de travail	Dates (9 h to 17 h)	Meeting room/ salle
WG 27 (Fuel Quality) and WG 28 (Quality Control)	Monday, Dec 9th	Room Chrome 1
WG 21 (Compressors)	Monday, Dec 9th	Room Chrome 2
WG 19 (Dispensors)	Tuesday, Dec 10th	Room Chrome 2
WG 22 (Hoses)	Tuesday, Dec 10th	Room Chrome 1
ISO Strategic Planning Meeting : H2@Market: New Frontiers	Wednesday, Dec. 11th,	TITANE 2
Followed by CEA Site Tours	9h to 15h15	
Appreciation Dinner	Wednesday, Dec 11th 19:30 to 22:30	To be confirmed
Optional Site tour: Air Liquide	Dec 13 14 h to 17 h	Air Liquide
TAB Working Dinner	Thursday, Dec. 12th 19 h to 21 h	To be confirmed

Address enquiries to:

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Day One (Thursday Dec. 12th, 2019) 09 h to 17 h

1. Opening of the meeting
2. Roll call of delegates
3. Adoption of the agenda
4. Appointment of the resolution drafting committee
5. Review of the 27th Plenary Meetings (N1080 for the meeting minutes and N1078 for the resolutions)
6. Review of operational progress
 - 6.1 Performance evaluations of Chair, TAB and Secretary (N) (2018 and 2019)
 - 6.2 Performance evaluations of 2018 Strategic Planning and Plenary Meeting (N)
 - 6.3 Report of Vice-Chair for Developing Countries
7. Progress review of technical programs, with reports by TPDs and WG Convenors
 - 7.1 Changes to ISO Directives (Andy Dryden, ISO Program Manager)
 - 7.2 Components and Vehicular Applications (TPD, Craig Webster)
Active WGs: WG 5, WG 18, WG 19, WG 22, WG 23
 - 7.3 Built Environment and Safety (TPD, Jay Keller)
No active WGs, PWI 24077 on LH2 (Thomas Jordan) and PWI on vocabulary with CEN/CLC JTC6 (Nick Hart)
 - 7.4 Production, Storage and Handling (TPD, Hervé Barthélémy)
Active WGs: WG 21
 - 7.5 Stationary and Fuel Cell Applications (TPD, Hidenor Tomioka)
Active WGs: WG 27, WG 28, TC 158/JWG 7 (Hydrogen analytical methods).
8. Documents Published:
 - ISO 22734: 2019
 - ISO 19880-8:2019
 - ISO 19880-5: 2019
9. Systematic Reviews and Documents more than six years old:
 - Forthcoming in 2020:
 - ISO 26142:2010 Hydrogen detection apparatus -- Stationary applications
 - ISO 16110-2:2010 Hydrogen generators using fuel processing technologies -- Part 2: Test methods for performance
 - ISO 13985:2006 Liquid hydrogen -- Land vehicle fuel tanks
 - ISO 13984:1999 Liquid hydrogen -- Land vehicle fuelling system interface
 - ISO/TS 19883:2017 Safety of pressure swing adsorption systems for hydrogen separation and purification
10. New work item proposals

Day Two (Friday Dec. 13th, 2019) 09 h to 14 h

11. Liaisons and reports of liaisons
 - 11.1 Existing Liaisons (ex. ISO/TC 22 SC 37, TC 22/SC 41, TC 58/SC 2, TC 58/ SC 3 (N), TC 158, TC 220, IEC TC 105, CEN/TC 268 (N), CEN-CLC/TC6 (N), HySafe, etc.)
Note : discussion and resolution on the establishment of JWG with ISO/TC22/SC41 on NG and H2 blends under the leadership of SC41.
 - 11.2 Proposals for new liaisons and/or cancelling existing liaisons
12. Business Plan for TC 197
 - 12.1 Mini-Round Table: “FDIS 19884 Lessons Learned and Path Forward” (1 hour)
Mini agenda: Short comments by Andrei V. Tchouvelev (Chair), Andy Dryden (ISO), Herve Barthelemy (TPD), Glenn Scheffler (USA) and Per Hoggem (Norway) followed by general discussion. Vote on resolution on re-opening of WI 19884 concludes this agenda item.

- 12.2 Marketplace/Members Updates on H2 Programs and experience (max. 10 min./presentation)
- 13. Permanent editing committee
 - 13.1 Proposal for establishing a dedicated space on the ISO platform for better follow-up of activities of the PEC
- 14. Future ISO/TC 197 Meetings (possible locations and approximate dates):
 - for 2020-12 invitaiton from Korea (Prof. Choi)
 - for 2021-12 an offering to investigate the possibility to invite TC197 plenary week to Australia in Dec 2021 (Rachelle Doyle)
- 15. Other business:
- 16. Approval of resolutions
- 17. Closure of the meeting (end at 13 h 15) – in view of the optional site tour leaving at 13 h 30.