



**INTERNATIONAL INSTITUTE OF WELDING**  
A world of joining experience

## **COMMISSION VIII – Health, Safety and Environment**

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**DRAFT AGENDA FOR THE MEETINGS OF  
IIW 75<sup>th</sup> ANNUAL ASSEMBLY, COMMISSION VIII,  
on  
TUESDAY 19<sup>th</sup> and WEDNESDAY 20<sup>th</sup> JULY 2022  
MEETING TIMES ARE 13:00 TO 16:00  
WITH A JOINT MEETING WITH C-II on  
THURSDAY 21<sup>st</sup> JULY 2022  
(coffee breaks to be scheduled around 14:30)**

**DRAFT AGENDA  
Tuesday 19th July at XX**

*C-VIII: Geoff Melton (United Kingdom) Retired*

**Join Zoom Meeting**

*Place address here*

**1. Opening: David Werba, Convenor**

- a. Welcome and general information about the meetings
- b. Introduction to new members and apologies for absence.
  - a. Geoff Melton, Chair C-VIII Retired
  - b. John Petkovsek, Vice-Chair C-VIII Retired
- c. Review and adoption of the agenda (VIII-2343-22)
- d. Approval of the minutes of the virtual meeting held during the Virtual Intermediate Meeting in 2022 (VIII-2332-22)

**2. Experimental Study of Measures Preventing Welders from Fume Exposure (VIII-2344-22) by Stephan Egerland**

3. **Investigation of Mn<sup>4+</sup> presentation in welding aerosols with RFS method (VIII-2345-22)** by Dr. Viktor Holovko
4. **Modeling the Fume Emission Rate of GMA Welding by means of transient Process Features and Machine Learning (VIII-2346-22)** by Samuel Mann
5. **MMA mimics arsenic effects potentially leading to disruption of fine movement coordination in live animal model (VIII-2347-22)** by Dr. Csaba Kovago
6. **Fume emission during laser welding of stainless steels. Research methodology, experimental stations and research results (VIII-2348-22)** by Joanna Wyciślik–Sośnierz
7. **Development and calibration of a database-driven fine dust sensor system for online measurement of welding fume exposure (VIII-2349-22)** by Benjamin Ebert, Rahul Sharma, Julian Blakert and Uwe Reisgen
8. **Bacterial infections with Bacillus cereus species – misleading information suggesting a typical occupational disease in welders (VIII-2350-22)** by Dr. Wolfgang Zschiesche and Dr. Simon Weidhaas
9. **Reducing fume exposure of welders in Gas Metal Arc Welding – sustainable integrative approach in Germany (VIII-2351-22)** by Dr. Wolfgang Zschiesche and Dr. Simon Weidhaas
10. **Closure of day 1 and review of Agenda (VIII-2343-22) for day 2**

**DRAFT AGENDA**  
**Wednesday 20th July at XX**

*C-VIII: Geoff Melton (United Kingdom) Retired*

**Join Zoom Meeting**

*[Place address here](#)*

11. **Warnings for welding consumables - proposals for an International Standard (VIII-2352-22)** by Mauro Carabelli

**12. National Reports**

- a. Australia
- b. Canada
- c. China
  - i. Recent Progress of Welding Environment, Health and Safety in China – Hong Li
- d. France

- e. Japan
- f. USA
  - i. Proposed adoption of Globally Harmonized System of Classification and Labelling of Chemicals (GHS 7)
  - ii. OSHA call for input on the use of QR codes for warnings and SDS
- g. Any in-person or online?

**13. Preparation for the Intermediate Meeting**

- Selection of date for Meeting
- Topics for Agenda

**14. Any other business**

**15. Nominations/Proposals for the Chair and Vice-chair**

- Chair to replace Geoff Melton proposed David Werba
- Vice-Chair; no election is required; candidate is Hong Li

**16. Closure of day 2 and review of Agenda (VIII-2343-22) for day 3, joint meeting with C-II.**

**17. Closure of meeting**

**DRAFT AGENDA**  
**JOINT MEETING WITH C-II on**  
**THURSDAY 21<sup>st</sup> JULY 2022**

*Chairs:*

*C-II: Zhuyao Zhang (United Kingdom)*

*C-VIII: Geoff Melton (United Kingdom) Retired*

**Join Zoom Meeting**

*Place address here*

- 18. Modeling the Fume Emission Rate of GMA Welding by means of transient Process Features and Machine Learning (VIII-2346-22) by Samuel Mann**
- 19. Investigation of Mn<sup>+4</sup> presentation in welding aerosols with RFS method (VIII-2345-22) by Dr. Viktor Holovko**
- 20. Fume emission during laser welding of stainless steels. Research methodology, experimental stations and research results (VIII-2348-22) by Joanna Wyciślik–Sośnierz**
- 21. Reducing fume exposure of welders in Gas Metal Arc Welding – sustainable integrative approach in Germany (VIII-2351-22) by Dr. Wolfgang Zschiesche and Dr. Simon Weidhaas**
- 22. Closure of meeting**