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2025 GENERAL ASSEMBLY

Stockholm - Sweden

CIRP-2025-F-3

**SCIENTIFIC TECHNICAL COMMITTEE "F"
(FORMING)**

Meeting to be held on Friday, August 22, 2025
8.30 – 12.30

You are kindly invited to participate in the next FORMING Scientific Technical Committee meeting to be held in Stockholm.

Draft Agenda

- 1. Routine business (10 minutes) [8:30-8:40]**
 - 1.1 Opening, welcome and introduction of invited guests
 - 1.2 Approval of the 'Agenda'
 - 1.3 'Minutes of the last meeting', and matters arising
 - 1.4 Liaison with ICTP, ICFG, IDDRG, I2FG, ICTMP, Numisheet related to the STC-F
 - 1.5 CIRP Dictionary, CIRPedia
 - 1.6 CIRP Novel Topics in Production Engineering
 - 1.7 CIRP Journal of Manufacturing Science and Technology
- 2. CIRP-wide activity reports: cross-STC, CWGs, other STCs on items of interest to STC-F (10 minutes) [8:40-8:50]**
 - 2.1 Report of the Cross-STC meeting (5 minutes)
 - 2.2 Overview of activities of other STCs by the Chair and ambassadors (5 minutes)
- 3. Keynote progress reports and discussions (50 minutes) [8:50-9:40]**
 - 3.1 2026 STC-F Keynote 'Shear-dominated processes and mechanics in forming and blanking' by Prof. W. Volk (10 minutes, including 5 minutes for discussion)
 - 3.2 2027 STC-F Keynote 'Tube forming and processing technologies for a sustainable society' by Prof. T. Kuboki (20 minutes, including 10 minutes for discussion)
 - 3.3 2027 Cross-STC Keynote 'Microstructure-driven design of forming, additive manufacturing, and cutting operations' by Prof. L. Madej (20 minutes, including 10 minutes for discussion)
- 4. Progress report of CNTPE Essay (20 minutes) [9:40-10:00]**
 - 4.1 Report of 2026 CNTPE essay 'Machine learning for constitutive modeling in metal forming' by Prof. Jinjin Ha (10 minutes, including 5 minutes for discussion)
 - 4.2 Report of 2027 CNTPE essay 'Additive manufacturing with forming processes' by Dr. Carlos Manuel Alves da Silva (10 minutes, including 5 minutes for discussion)

Coffee Break (30 minutes) [10:00-10:30]

5. Selection of 2028 Keynote (40 minutes) [10:30-11:10]

5.1 Presentation of ‘In situ process monitoring and control’ by Prof. H. Utsunomiya (10 minutes)

5.2 Presentation of ‘Metal forming for biomedical applications’ by Prof. M. Banu (10 minutes)

5.3 Presentation of ‘New forming processes in the new millennium’ by Prof. A.E. Tekkaya (10 minutes)

5.4 Selection of 2028 Keynote (10 minutes)

6. Officers’ elections results (5 minutes) [11:10-11:15]

7. Planning the agenda for 2026 Paris meeting (5 minutes) [11:15-11:20]

8. Short presentations (70 minutes) [11:20-12:30]

7.1 Invited talk by an industry member about the report on advanced (visionary) research needs in metal forming (15 minutes, including 5 minutes for discussion)

**Speaker is TBD among Grundfos, SKF, and other Swedish company.*

7.2 Short presentations on open topics (55 minutes)

9. Any other business

Closure