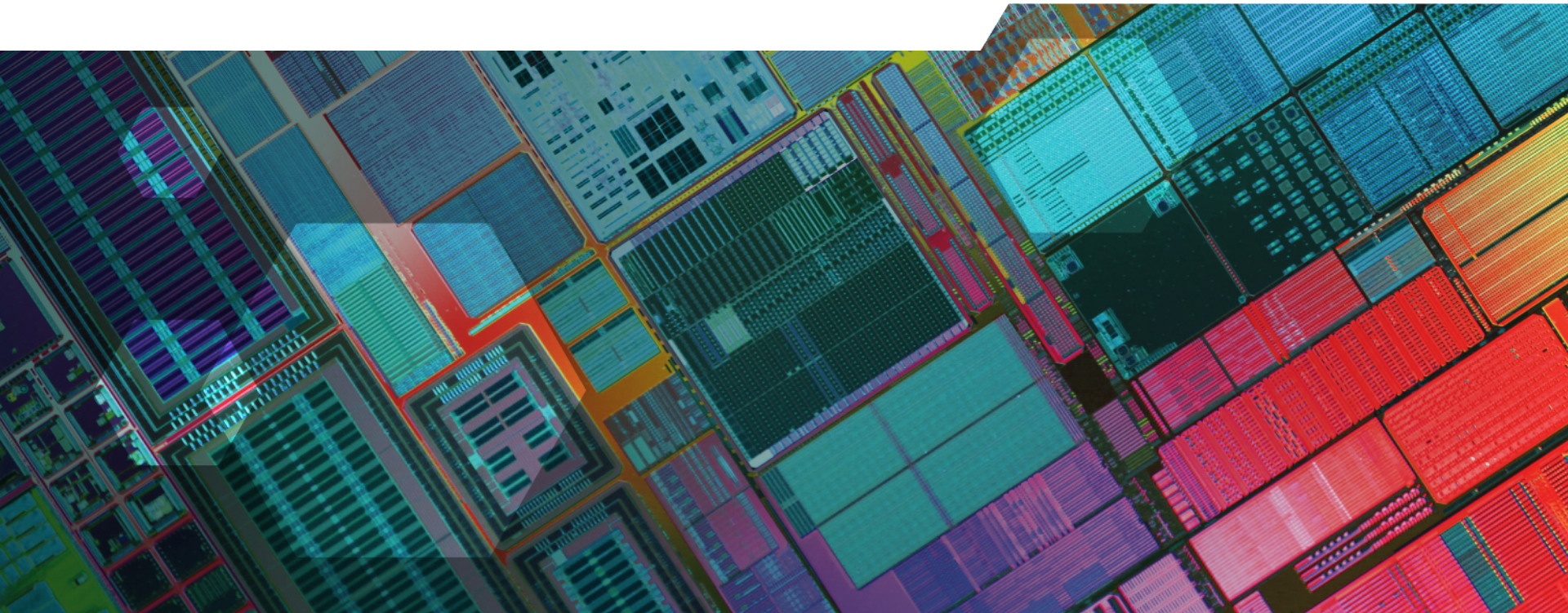




Gases & Liquid Chemicals Committees EU Chapters

May 2016
v2



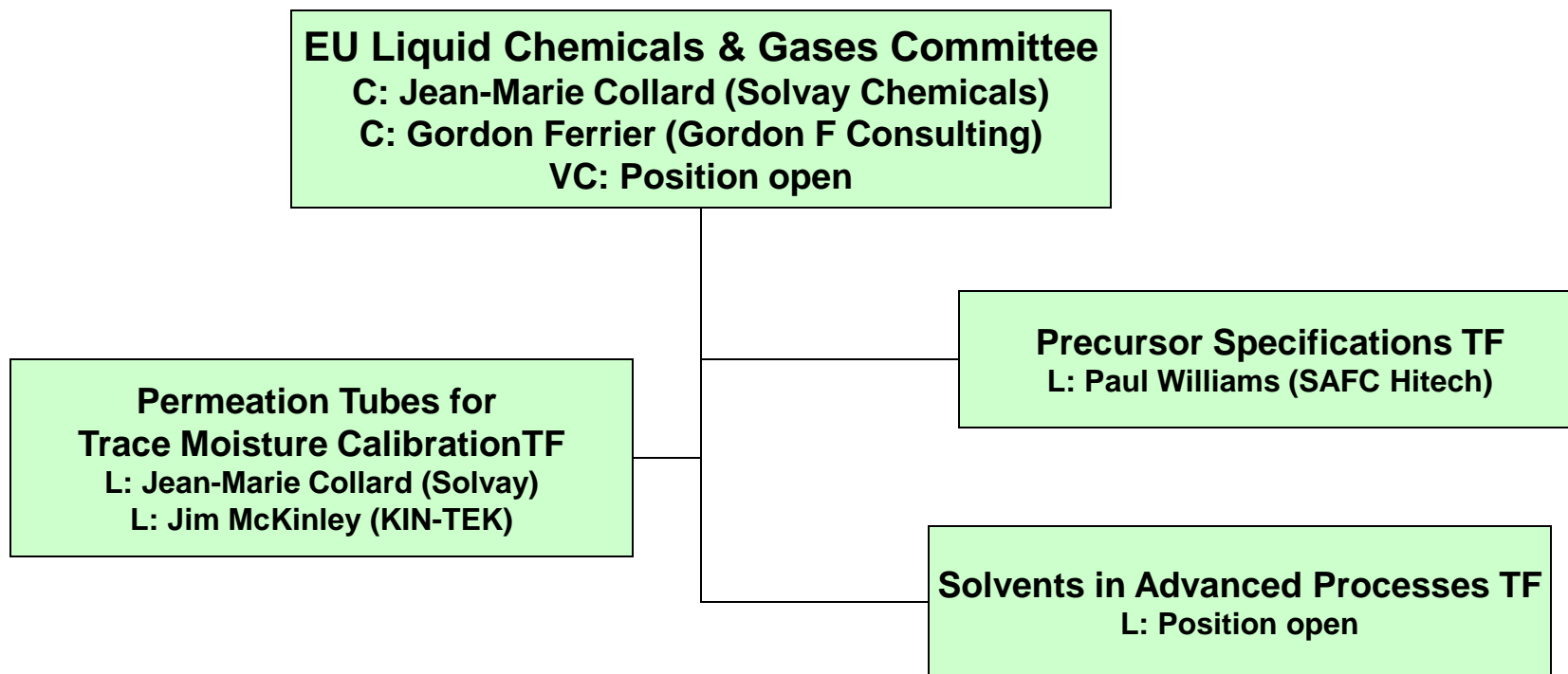
Leadership

- **Committee Co-Chairs**

- Jean-Marie Collard,
Solvay Chemicals
- Gordon Ferrier, Gordon F Consulting



Committee Organization



Meeting Information

- **Last Meeting**
 - October 8, 2015 at SEMICON Europa, Dresden, Germany
- **Next Meeting**
 - October 2016 at SEMICON Europa, Grenoble, France

October 8, 2015 TC Chapter Meeting at SEMICON Europa

- **Five ballots adjudicated**
 - Technical changes made to address negatives on three ballots which will undergo new ratification ballot process
 - Two other ballots failed and will be revised and reballoted for review at next TC Chapter meeting.
- **Presentations**
 - ITRS Update
 - Andreas Neuber/AMAT
 - ElectroStatic Discharge : A Challenge in ultra high purity fluid handling
 - Jochen Ruth/PALL

Ballot Adjudication Results at SEMICON Europa TC Chapter meeting (Oct. 8, 2015)

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
5495	Guide for CycloHexanone	Passed with technical change, ratification ballot issued
5656A	Revision to SEMI C65-0308 : Guide for Trimethylsilane (3MS)	Failed
5657A	Revision to SEMI C66-0308: Guide for Trimethylaluminium (TMAI)	Failed
5658A	New Standard: Guide for Pentakis(Dimethylamino) Tantalum (PDMAT)	Passed with technical change, ratification ballot issued
5765	Revision to SEMI C15 : Test Method for ppm and ppb humidity standards	Passed with technical change, ratification ballot issued

New Activity

- *Gases*
 - *Guide for F2/N2/Ar Chamber Cleaning Gas Mixtures Use in Semiconductor Manufacturing*: SNARF distributed to global Gases TC Membership for review; GCS approval pending

Three-year SNARF review

The below SNARFs were abolished by the committee.

#	<i>SC/TF/WG</i>	<i>Details</i>
5325	Precursor Specifications Task Force	New Standard: Guide For Dimethyl Dimethoxy Silane (DMDMOS)
5327	Precursor Specifications Task Force	New Standard: Guide for Monomethyl Silane
5491	Precursor Specifications Task Force	New Standard: Guide for Titanium Tetrachloride (TiCl ₄)
5493	Precursor Specifications Task Force	New Standard: Guide for Octa Methyl Cyclo Tetra Siloxane (OMCTS)
5494	Precursor Specifications Task Force	New Standard: Guide for Tetra Methyl Cyclo Tetra Siloxane (TMCTS)

Ballots to be issued for adjudication at SEMICON Europa 2016

#	Task Force	Details
5656B	Precursor Specifications	Revision to SEMI C65-0308 : Guide for Trimethylsilane (3MS)
5657B	Precursor Specifications	Revision to SEMI C66-0308: Guide for Trimethylaluminium (TMAI)
SEMI C72-0811		Reapproval Ballot: Guide for Propylene-Glycol-Mono-Methyl-Ether (PGME), Propylene-Glycol-Mono-Methyl-Ether-Acetate (PGMEA) and the Mixture 70wt% PGME/30wt% PGMEA
SEMI C67-0811		Reapproval Ballot: Guide for Hafnium Amides
SEMI C68-0811		Reapproval Ballot: Guide for Zirconium Amides
SEMI C73-0811		Reapproval Ballot: Guide for Hafnium Chloride
SEMI C74-0811		Reapproval Ballot: Guide for Hafnium Tert-Butoxide
SEMI C75-0811		Reapproval Ballot: Guide for Tetrakis(Dimethylamino)Titanium
SEMI C76-0811		Reapproval Ballot: Guide for Zirconium Tert-Butoxide

Questions?

- Gases: Laura Nguyen (lnguyen@semi.org)
- Liquid Chemicals: James Amano (jamoto@semi.org)