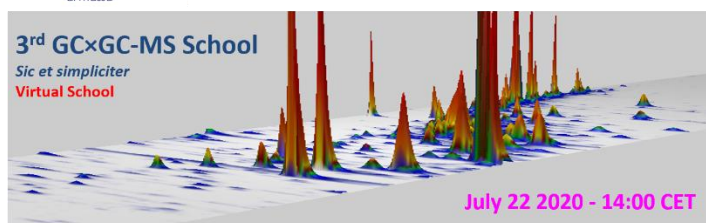


**3<sup>rd</sup> GC×GC MS Virtual School**  
*Sic et simpliciter*  
July the 22<sup>nd</sup> 2020 14:00 CET  
Live Webinar



**Presentation:**

Theory and Practice about comprehensive two-dimensional gas chromatography coupled to mass spectrometry - GC×GC-MS. The Live Webinar introduces the **Practical School** that due to the Covid pandemic was not organized this year at the University of Turin.

**The Virtual School is free of charge - The number of participants has no limits**

**Subscribe at the link (copy the entire string): <https://forms.gle/pwe3keozCMNmSrs78>**

**UniTO Collaboration facility: Webex Events –the link will be sent a few days before the event to all registered participants**

The **3<sup>rd</sup> GC×GCMS Virtual School** is organized by the **Mass Spectrometry Division - Italian Chemical Society** with the **University of Turin (Dipartimento di Scienza e Tecnologia del Farmaco)** and the **technical and scientific support of Agilent Technologies and SRA Instruments**. The Virtual School has the patronage of the **Interdivisional Group of Food Chemistry - Italian Chemical Society** and shares topics within the EU platform "JPI a healthy diet for a healthy life".

The Virtual School provides theoretical skills about the principles of the GC×GC and illustrates the most popular instrumental solutions for thermal and differential-flow modulation. Mass spectrometry analysers and data processing software tools will be also introduced. Application fields where the technique express its full potential (petroleomics, food metabolomics and food contamination) will be briefly discussed to show, in practice, the change of perspective offered by the introduction of multiple analytical dimensions in chemical analysis.

Attendees are analytical chemists (senior and junior) from Academia and Industry who are adopting GC-MS to explore the chemical complexity in their samples and **want to go further**.

**Provisional Agenda - July the 22nd 2020 14:00 CET**

14:00	<b>Welcome to all participants and Instructions for the Webex event</b> Prof. Chiara Cordero Università degli Studi di Torino - UniTO Prof. Patrizia Rubiolo Director of the Dipartimento di Scienza e Tecnologia del Farmaco - UniTO
14.10	<b>Welcome address by Mass Spectrometry Division of the Italian Chemical Society</b> Prof. Fulvio Magni President of the DSM-SCI - Università Milano Bicocca <b>Presentation of the Virtual School</b> Prof. Carlo Bicchi - UniTO
14:25	<b>L1 - Comprehensive two-dimensional gas chromatography: a perspective change?</b> Dr. Andrea Carretta – SRA Instruments
14:45	<b>L2 - GC×GC fundamentals: thermal modulation</b> Dr.ssa Daniela Peroni – SRA Instruments
15:05	<b>L3 - GC×GC fundamentals: differential-flow modulation</b> Dr. Luca Godina – Agilent Technologies
15:25	<b>L4 - Mass analyzers for GC×GC platforms</b> Prof.ssa Donatella Caruso – Università degli Studi di Milano
15:45	<b>Questions and Answers</b>
16:00	<b>L5 - GC×GC potentials and application fields: an overview</b> Prof. Chiara Cordero UniTO - Dr. James McCurry - Agilent Technologies
16:20	<b>L6 - Data visualization and interpretation: a virtual tour in a real data processing session.</b> Prof. Stephen E Reichenbach - University of Nebraska & Dr. Qingping Tao - GC Image LLC
16:40	<b>Questions and Answers</b>
16:55 end by 17:00	<b>Conclusive remarks</b> Dr. Juan-Luis Aybar - Gas Phase Team Manager EMEA Agilent Technologies Prof. Carlo Bicchi UniTO – Prof. Chiara Cordero UniTO