



# SCIENTIFIC PROGRAM

**20** YEARS OF EXCELLENCE  
IN INTERNATIONAL  
MEETINGS  
[alliedacademies.com](http://alliedacademies.com)

Joint Event on

World Congress on

# CHROMATOGRAPHY AND SEPARATION SCIENCE

&

International Conference and Exhibition on

# SATELLITE AND SPACE MISSIONS

November 12-13, 2018 | Rome, Italy

**Allied Academies**

47 Churchfield Road, London, W3 6AY, United Kingdom

<http://chromatography.alliedacademies.com/>  
<http://satellite.alliedacademies.com/>

Chromatography 2018 & Satellite 2018

November 12, 2018 | Day 1

Conference Hall : Capitolino

08:30-09:00

## REGISTRATIONS

09:00-09:20

## OPENING CEREMONY

## KEYNOTE FORUM

09:20-09:30

Introduction

09:30-10:10

Title: Sarge SRLV pathfinder mission review

John M Quinn, Exos Aerospace, USA

10:10-10:50

Title: Mechanical characterization of carbon fiber reinforced plastics specimens for aerospace applications

Claudia Barile, Politecnico di Bari, Italy

Group Photo | Networking & Refreshment Break 10:50-11:10 @ Foyer

11:10-11:50

Title: Satellite maintenance and repair: a critical component in minimizing financial risks and reducing space debris

Bettina M Mrusek, Embry Riddle Aeronautical University, USA

11:50-12:30

Title: Investigation of electrochemical reaction mechanism of some Azo dyes by using Voltammetric Techniques

Necati Menek, Ondokuz Mayıs University, Turkey

12:30-13:10

Title: Liquid Chromatography-Mass Spectrometry applied to the identification and quantification of animal hair fibers in textile products

Tonetti C, CNR-ISMAL, Italy

Lunch Break 13:10-14:10 @ Aventino Banquet Room

Major Sessions:

Satellite Remote Sensing and GIS | Space explorations | Satellite Navigation and Communication  
Earth Science | Separation technique in Chromatography | High Performance Liquid Chromatography

Session Chair: John M Quinn, Exos Aerospace, USA

Session Chair: Silvestro L, 3S-Pharmacol. Cons. & Res. GmbH, Germany

Session Introduction

14.10-14:40	<b>Title: Monitoring program in reservoirs of the tercero river basin. Córdoba, argentina</b> <b>Maria Claudia Rodriguez</b> , Universidad Nacional de Rio Cuarto, Argentina
14:40-15:10	<b>Title: Chemical measurements of NIM on JUICE, ESA mission to jupiter satellites (2028)</b> <b>Marek Tulej</b> , University Bern, Switzerland
15:10-15:40	<b>Title: Applications of ICP-MS hyphenated to HPLC on biological samples for PK studies</b> <b>Silvestro L</b> , 3S-Pharmacol. Cons. & Res. GmbH, Germany
15:40-16:10	<b>Title: Liquid-Liquid Partition Chromatograph: An efficient solid support less chromatographic technique for the separation of bioactive phytomolecules</b> <b>Anupam Maurya</b> , Ministry of AYUSH, India

**Networking & Refreshment Break 16:10-16:30 @ Foyer**

16:30-17:00	<b>Title: Moon-based planetary defense campaign</b> <b>Thomas D Miyano</b> , Draconis Aerospace Limited Liability Company, USA
17:00-17:30	<b>Title: Methodologies, approaches and techniques to assist the thermal engineers</b> <b>Yannick Melameka</b> , Alphid, UK
17:30 - 18:00	<b>Title: High Performance Liquid Chromatography</b> <b>Walter Jones</b> , International Association for Plant Taxonomy, South Africa

**Panel Discussion**

## November 13, 2018 | Day 2

**Conference Hall : Capitolino**

### KEYNOTE FORUM

09:00 - 09:40	<b>Title: Application of advanced chromatography in discovery of anticancer drugs</b> <b>Satyajit Patra</b> , American International Medical University, USA
09:40 - 10:20	<b>Title: Modernization in liquid chromatography: Manual to green separations</b> <b>Lokesh Kumar Gupta</b> , TEVA API , India

**Networking & Refreshment Break 10:20-10:40 @ Foyer**

**Major Sessions:**

**Market growth of chromatography | Advances in chromatography | Satellite Radiance | Space Environment and its interaction with Spacecraft | Military Satellites**

**Session Chair: John M Quinn, Exos Aerospace, USA**  
**Session Chair: Silvestro L, 3S-Pharmacol. Cons. & Res. GmbH, Germany**

10:40- 11:10	<b>Title: Chromatography and separation science in integrated environment code for sustainable development</b> <b>Davidson E Egirani</b> , Enopmc services ltd, UK
11:10-11:40	<b>Title: Development and identification of a full-detailed friction model of reaction wheel</b> <b>Milad Azimi</b> , Aerospace Research Institute, Iran



11:40-12:10

Title: Structural analysis of a finite element model of 3U cubesat for low earth orbit exploration

Milad Azimi, Aerospace Research Institute, Iran

12:10 -12:40

Title: Development of HPLC method for simultaneous determination of four steroid hormones in different matrices

Areeg Z Alkarali, Misr International University, Egypt

Lunch Break 12:40-13:40 @ Aventino Banquet Room

Panel Discussion

Award & Closing Ceremony



**BOOKMARK YOUR DATES**

2<sup>nd</sup> World Congress on

# CHROMATOGRAPHY AND SEPARATION SCIENCE

July 18-19, 2019 | Valencia, Spain

2<sup>nd</sup> International Conference and Exhibition on

# SATELLITE AND SPACE MISSIONS

July 18-19, 2019 | Valencia, Spain



<http://chromatography.alliedacademies.com/> | <http://satellite.alliedacademies.com/>