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## 3.0 LUNCH TIME KEYNOTE SESSION

**Date:** Tuesday, March 26, 2019

**Time:** 13:50 - 14:20

**Location / Room:** Room 1

**Chair:**

Marco Casale-Rossi, Synopsys, IT, [Contact Marco Casale-Rossi](#)

**Co-Chair:**

Giovanni De Micheli, EPFL, CH, [Contact Giovanni De Micheli](#)

Time	Label	Presentation Title Authors
13:50	3.0.1	<b>LEONARDO DA VINCI, HUMANISM AND ENGINEERING BETWEEN FLORENCE AND MILAN</b> <b>Author:</b> Claudio Giorgione, Museo Nazionale della Scienza e della Tecnologia Leonardo da Vinci, IT <b>Abstract</b> <i>The machines and mechanical elements drawn by Leonardo through the course of his itinerary as engineer and technologist belong to the most disparate fields, highlighting his curiosity about the technological culture of his times. Just as for the other sectors of his activity, the first machines depicted by Leonardo follow in the tradition of the Renaissance Florentine workshop and are characterized by a practical, empirical approach aimed at resolution of problems progressively as they arose. During his first Milanese period (1482-1499), Leonardo was experimenting with, and refining ever more effective graphical systems of representation, which he would proceed in applying also to other sectors, like anatomy, architecture, and military engineering. Sections, prospect views, and transparent views were used to decompose machines into their constituent elements, finding solutions for automating and rendering more efficient the existing traditional mechanisms, or for conceiving completely new mechanisms. Leonardo moved, particularly in the 1490s, from documentation of practical problems to a more theoretical analysis of the principles regulating the functioning of machines, from the study of mechanical elements to their inter-relation. The studies on friction and on motion in general are to be inserted into this perspective, which led him to the idea of compiling a treatise on mechanics, based on the analysis of mechanisms and gears, the so-called "elementi macchinali"</i>
14:20		End of session
16:00		<b>Coffee Break</b> in Exhibition Area

### Coffee Breaks in the Exhibition Area

On all conference days (Tuesday to Thursday), coffee and tea will be served during the coffee breaks at the below-mentioned times in the exhibition area.

### Lunch Breaks (Lunch Area)

On all conference days (Tuesday to Thursday), a seated lunch (lunch buffet) will be offered in the Lunch Area to fully registered conference delegates only. There will be badge control at the entrance to the lunch break area.

Tuesday, March 26, 2019

- Coffee Break 10:30 - 11:30
- Lunch Break 13:00 - 14:30
- Keynote Lecture "[Leonardo da Vinci, Humanism and Engineering between Florence and Milan](#)" by [Claudio Giorgione](#) in room 1 13:50 - 14:20
- Coffee Break 16:00 - 17:00

Wednesday, March 27, 2019

- Coffee Break 10:00 - 11:00
- Lunch Break 12:30 - 14:30
- Keynote Lecture "[Heterogeneous, High Scale Computing in the Era of Intelligent, Cloud-Connected](#)" by [David Pellerin](#), [Amazon](#), [US](#) in room 1 13:50 - 14:20
- Coffee Break 16:00 - 17:00

Thursday, March 28, 2019

- Coffee Break 10:00 - 11:00
- University Booth Best Demo Award Presentation at the University Booth 10:30
- Lunch Break 12:30 - 14:00
- Keynote Lecture "[A Fundamental Look at Models and Intelligence](#)" by [Edward A. Lee](#), [University of California, Berkeley](#), [US](#) in room 1 13:20 - 13:50
- Coffee Break 15:30 - 16:00

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