



AN INTERDISCIPLINARY SPACE COURSE ADDRESSING THE NEEDS OF PROFESSIONALS, EXECUTIVES, ANALYSTS AND EXPERTS.

The purpose of this course is to equip senior executives with the knowledge, relationships, and tools necessary to drive results at the highest levels of global space challenges. Participants in the program will embark on a comprehensive academic and advanced practitioner level journey that will prepare them to successfully navigate the diverse challenges facing top executives in today's dynamic global and international space programs, marketplaces and applications.

**ISU programs have 3Is: International, Intercultural and Interdisciplinary.**

Working together on the Technion campus, participants in the course immerse themselves in a curriculum that examines the economic, political, technological and legal demands of top leadership. While pursuing studies with peer executives from around the world, participants are inspired by the diverse cultures and new opportunity that define this unique experience.



**Technion - Israel Institute  
of Technology  
Haifa, Israel  
20 - 22 May 2013**

- Space Technologies
- Space Applications
- Space Trends
- Space Markets
- Space Law



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**Please confirm your participation**



This space course is designed for national and international space experts, executives and managers. This three-day program explores issues of critical concern to space challenges from the unique 3Is – *International, Intercultural and Interdisciplinary* – perspective. The program features contributions from space experts, jointly recruited by International Space University (ISU) and The Asher Space Research Institute (ASRI). The space course will take place at the Samuel Neaman Institute on Technion campus.

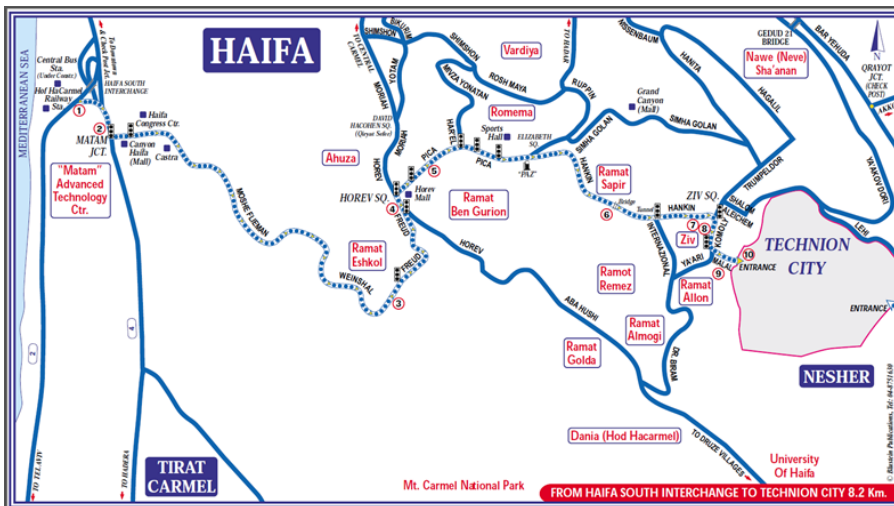
Time	Monday 20 <sup>th</sup> May 2013	Tuesday 21 <sup>st</sup> May 2013	Wednesday 22 <sup>nd</sup> May 2013
9. <sup>00</sup> —10. <sup>00</sup>	Welcome & Overview* <b>A. Bukley &amp; E. Behar</b>	The evolving Israeli space sector <b>O. Doron</b>	Space Mission Design <b>A. Bukley</b>
10. <sup>15</sup> —11. <sup>15</sup>	Organization of Space Sector <b>W. Peeters</b>	Remote Sensing & Applications <b>A. Bukley</b>	New Space <b>W. Peeters</b>
11. <sup>15</sup> —11. <sup>30</sup>	<i>Coffee Break**</i>	<i>Coffee Break**</i>	<i>Coffee Break**</i>
11. <sup>30</sup> —12. <sup>30</sup>	Israeli Space History and Future <b>C. Eshed &amp; N. Mandleblit</b>	Legal Frameworks and Treaties <b>Karen Shahar-Ben Ami</b>	Technology Transfer & Export Control <b>V. La Regina</b>
12. <sup>30</sup> - 14. <sup>00</sup>	<i>Lunch<sup>§</sup></i>	<i>Lunch<sup>§</sup></i>	<i>Lunch<sup>§</sup></i>
14. <sup>00</sup> - 15. <sup>15</sup>	Orbits and Space Applications <b>A. Bukley</b>	Space Economics <b>W. Peeters</b>	Space Situation Awareness <b>O. Lapid</b>
15. <sup>15</sup> - 16. <sup>15</sup>	Space Science Research <b>E. Behar</b>	Space Telecom & Navigation <b>A. Bukley</b>	Space Marketing <b>W. Peeters</b>
16. <sup>15</sup> —16. <sup>30</sup>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
16. <sup>30</sup> - 17. <sup>30</sup>	Space and Cyber Security <b>R. Levi</b>	Space Telecom Market <b>V. La Regina</b>	Future of Israeli space sector <b>Panel Discussion</b>
17. <sup>30</sup> - 18. <sup>30</sup>	Welcome Reception	Q & A Session	Closing Reception
	<i>Tour to Haifa<sup>§§</sup></i>		

\*: Registration-desk opens from 8.<sup>30</sup> to 09.<sup>15</sup>  
Welcome & Overview session starts from 9.<sup>30</sup> to 10.<sup>00</sup>.  
§: Lunch is on participant's own

\*\*.: Coffee breaks will be served in the area close to the lecture hall  
§§: Tour to Haifa requires participants' confirmation at registration

The course offers a comprehensive overview of the current space enterprise from technical, scientific, political, economic and legal points of view. In addition, this course will deliver a new appreciation of past and future factors shaping the current context of the space sector. The materials delivered during course are provided to participants on a USB-key, including bio-profiles of lecturers.

The course venue is the Samuel Neaman Institute, situated just next to the Technion Guest House in **Technion City**, Haifa (Israel).



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Registration to the course requires participants to apply to [extrelations@isunet.edu](mailto:extrelations@isunet.edu) by **15 May 2013** providing a Curriculum Vitae et Studiorum (CVS) and a letter of interest. The tuition fee of 500 € shall be paid upon approval of registration, when information for the payment will be provided.

Each lecture comprises 60 minutes with the final 10 minutes reserved for Q&A. Breaks are scheduled throughout the day to ensure networking opportunities and interactions among the participants and lecturers.

Breakfasts (coffee, juices, and some pastries) are served free of charge every morning before the first session from 8.<sup>30</sup> to 9.<sup>00</sup>. Coffee-breaks are served in the same area as the lecture hall and they are included in the tuition fee. A variety of meal options are available on the Technion campus for the participants to explore on their own during lunch breaks. There are two receptions included, as well as a tour of Haifa on Tuesday 21<sup>st</sup> May 2013 in the evening. Participants must sign up for the tour upon registering the course.

Participants will be provided information about accommodation in hotels near Technion City or in Technion's Forchheimer Guest House when they apply to the course. The Organization will make reservations at participant's request. Participants must pay all charges for accommodation directly to the hotel or Technion's Forchheimer Guest House. Single occupancy room rates are approximately 50 US \$ per night. Availability at Technion's Forchheimer Guest House is limited; booking policy is *first-registered, first-served*. Please, send any enquiry about accommodations to Ms Shosh Katz, [rg@tx.technion.ac.il](mailto:rg@tx.technion.ac.il)