



THE 1st ISRAEL DEFENSE FORCES INTERNATIONAL SUMMIT ON OPERATIONAL SIMULATION



**IDF Concepts
Laboratory**

November 12-14, 2019

Information Package

Updated as of November 6th, 2019

For Weekly Updates Please Visit - <https://www.idf.il/92003/>

About:

The Summit

The first Israel Defense Forces International Summit on Operational Simulation (OSS19), to be held between November 12 – 14 2019, aims to bring together leading military, industry and academia officials from around the world to discuss the use of Operational Simulation.

The Summit will take place in the Crowne Plaza Beachfront Hotel, Tel Aviv. Participants can expect panels, speeches, field tours and the much needed, social events. The Summit will cover topics relating to challenges in Force Build-up and Force Employment. Similarly, we will discuss the main challenges affecting the simulation community in the 21st century.

Don't miss the opportunity to participate in the most innovative summit for Operational Simulation. Together, we will strive forward to create a community of professionals that will enable us all to best prepare our forces for future challenges.

Mark your calendars and attend the event, see you there!

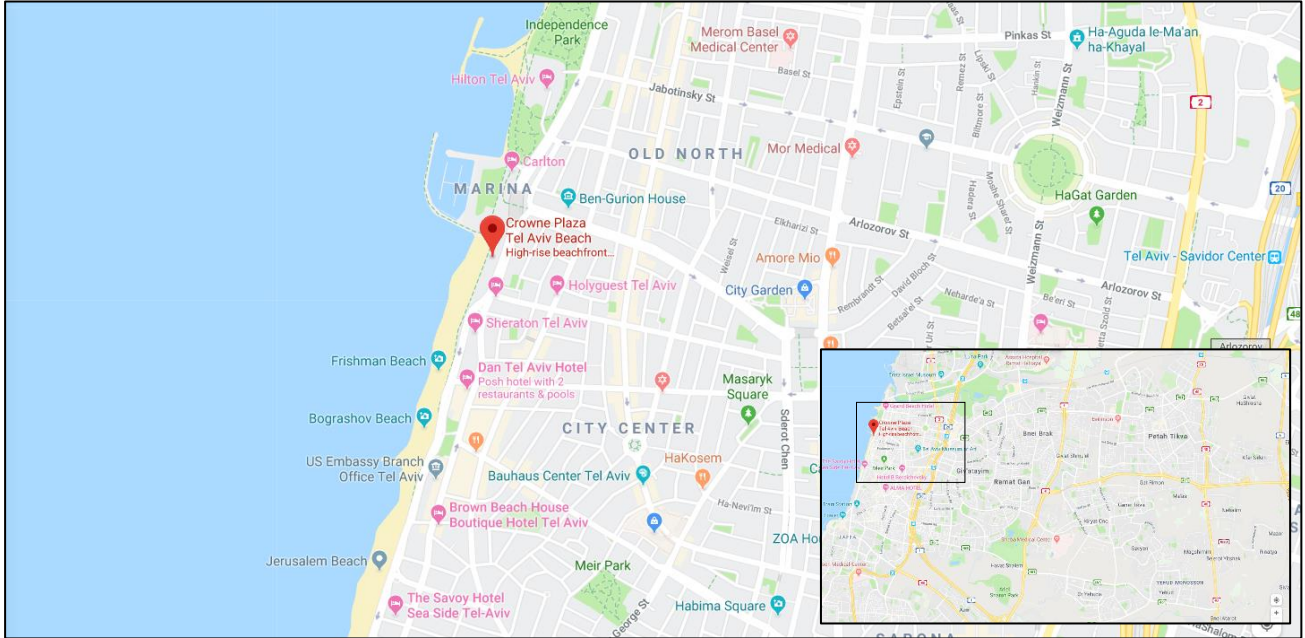
What is Operational Simulation?

Operational Simulation is a technique through which we can simulate the outcome of an Operational Plan. This is done with a state-of-the-art computer system which is fed with unique methodologies and performance data regarding the different weapon systems that are in use. The system is fed data regarding different weapon systems (accuracy, wear & tear, destruction abilities, etc.), likewise, the system is fed with data regarding the Operational Plan. Thereafter, at a click of a button, the system simulates the execution of the Operational Plan and its expected outcome. The tool significantly assists decision-makers with the tough decisions they face regarding the future of force Employment and Force Build-up.

Operational Simulation – Supporting Decision Makers in Build-up & Employment of Military Force by Prof. Colonel (Res.) Gabi Siboni - [Click here](#)

Administrative Details:

The Summit Will take place at the Crowne Plaza Beachfront Hotel, HaYarkon St 145 Tel Aviv.



Accommodation:

We recommend staying at one of the nearby hotels that is in walking distance to the Crowne Plaza Beachfront. The Shoreline has a large variety of hotels available (see map above).

Throughout the Summit, we will provide lunch daily. Additionally, on the first evening there will be an ICEBREAKER cocktail hour for all attendees.

Transportation:

Transportation will be provided from the Crowne Plaza Beachfront Hotel on the third day of the Summit to the field tour in the Southern Region of Israel (please make sure you have notified us regarding participation by October 1st). We kindly request all guests to make their own arrangements for other required transportation (airport transfers & daily transport to the Crowne Plaza Beachfront Hotel).

The Summit will begin on Tuesday, November 12th at 08:30 AM.

The Summit will end on Thursday, November 14th at 18:00 PM.

Dress Code:

DAY	Military	Civilian
November 12th	Class A	Business Attire (jacket optional)
November 13th	Class A	Business Attire (jacket optional)
November 14th	ACU / Class B	Rugged Civilian Attire



Agenda:

Day 1: Tuesday, November 12

Arrival and Registration 08:30-09:30	
Opening Words 09:30-09:35	MAJ Benzi Zimmerman, Head J-3 International Cooperation Desk & Master of Ceremony
Presentation of Summit: Goals and Overview 09:35-09:45	COL (Res) Prof. Gabi Sibony, <i>Chief Methodologist, IDF Concepts Laboratory</i>
Methodology of Operational Simulation as Decision Support System (DSS) 09:45-10:20	COL (Res) Prof. Gabi Sibony, <i>Chief Methodologist, IDF Concepts Laboratory</i>
The Importance of Operational Simulation in Creating Operational Capabilities 10:20-10:50	MG (Res.) Gershon Hacoheh, <i>IDF General Staff Exercise Director & Researcher at Begin-Sadat Center for Strategic Studies</i>
Break 10:50-11:20	
Supportive Tools for Planning of Force Build-up & Employment 11:20-12:20	Chair: COL (Res) Prof. Gabi Sibony, <i>Chief Methodologist, IDF Concepts Laboratory</i> <ul style="list-style-type: none"> • War Games - Mr. Goor Tsalayachin, <i>Head of Strategic War-Games, IDF J-3</i> • Bottom Up approach – LTC (R) Yaniv Minkov, <i>Former Head, Center for Operational Research, COR, Ground Forces</i> • Multi-Dimensional Operational Plan Analysis – Col. (Res.) Gideon Hoshen, <i>Defense Systems Analyst & Architect</i>
Operational Simulation: Innovative Organizational Trends in the French Army 12:20-12:40	Colonel Du Pontavice, <i>Simulation and digitized warfare coordinator of studies</i>
Operational Simulation as Decision Support System (DSS) - The British Approach 12:40-13:00	Wing Commander Keith Dear, <i>SO1 Innovation, Joint Warfare Development, Joint Forces Command</i>

Lunch 13:00-14:00	
Case Study - Comparing Simulated Results & Actual Battle Events from 1944 14:00-14:20	LTC Esa Lappi, <i>docent of the National Defense University Finland, Department of Military Technology</i>
The IDF's Future Simulation Environment's Contribution to Operational Simulation 14:20-15:00	MG Motti Baruch, <i>CG, General Staff Corps and Commander, C2 School</i>
Force Employment Planning 15:00-15:30	MG Yacov Bengo, <i>Head of Training and Doctrine Division (J7) & Commander of Northern Corps</i>
Day I Summary & Open Discussion 15:30-15:50	MG Yacov Bengo, <i>Head of Training and Doctrine Division (J7) & Commander of Northern Corps</i>
Group Picture 15:50-16:15	Limited to International Delegations & Select IDF Members
ICEBREAKER Social Event 16:15-18:45	

Day 2: Wednesday, November 13

Arrival and Registration 08:30-09:10	
Force Build-up Planning Challenges 09:10-09:40	BG Hidai Zilberman, IDF Spokesperson, Former Head of Planning Division (J-5)
Innovation & Operational Simulation 09:40-10:10	BG Eran Niv, Head of Shiloach Division (J-5)
Operational Simulation as Decision Support System (DSS) - The Canadian Approach 10:10-10:30	BG David J Anderson, <i>Director-General Readiness, Canadian Joint Operations Command</i>
Multinational Knowledge Management 10:30-10:50	LTC Arnulfo J Martinez, <i>U.S. Army Modeling and Simulation Proponent</i>
Break 10:50-11:20	
Lessons from Simulating the Universe 11:20-11:40	Prof. Eli Waxman, Department of Particle Physics and Astrophysics Director, Schwartz/Reisman Institute for Theoretical Physics
Case Study - Solving Operational Challenges through the use of Operational Simulation 11:40-12:10	LTC (Res) Sagi Ben Yaakov, <i>Head of Military Operational Simulation Research Branch</i> Mr. Ben-Ari, <i>Dept Head, Rafael Defense Systems</i>
Tools & Techniques in Military Operational Simulation 12:10-13:10	Chair: COL (Res) Prof. Gabi Sibony, <i>Chief Methodologist, IDF Concepts Laboratory</i> <ul style="list-style-type: none"> • Alon Yair, Head of Training Systems Field, Rafael • LTC (Res) Yaron Mizrachi, <i>CEO Bagira Systems</i> • Nissim Titan, <i>CEO 4CAST</i> • Offer Har, <i>CEO HarTech Technologies Ltd.</i> • Mr. Ofer Yarden, <i>CEO, Omnisys</i>
Lunch 13:10-14:00	

<p>Israeli National Air Defense Battle Lab: A Complete Defense Architecture Simulation & Research</p> <p>14:00-14:30</p>	<p>Col. (Res) Chaim Moriya, <i>Elbit Systems</i></p>
<p>Challenges in Long Term Force Build-up in a Versatile and Dynamic Threat Environment</p> <p>14:30-15:15</p>	<p>MG Eyal Zamir, <i>Deputy Chief of Staff, Israel Defense Forces</i></p>
<p>Summit Overview</p> <p>15:15-15:30</p>	<p>MG Yacov Bengo, <i>Head of Training and Doctrine Division (J7) & Commander of Northern Corps</i></p>

Day 3: Thursday, November 14

(Field Tour – Limited to International Audience)

Meet at Crowne Plaza Beachfront Hotel 09:00
Drive to IDF Southern Command 09:00 – 11:00
Tour & Briefs at IDF Ground Forces Training Center 11:00 – 13:00
Lunch 13:00- 14:00
Tour & Strategic Briefs at IDF Southern Command 14:00 – 16:00
Drive to Crowne Plaza Beachfront Hotel 16:00 – 18:00