



**ADAMS FIELD TRIP TO THE GOLAN HEIGHTS**  
**Wednesday, May 23, 2018**

- Departure from BGU, Beer-Sheva
- 6:15 Departure from the Academy, Jerusalem
- 7:00 Departure from Rakevet Mercaz, Tel Aviv
- 7:30 Departure from the Technion, Haifa



**Beit Gavriel** (נוצר על ידי מעלה היצירה-חנאי)



**Mt. Avital Volcanic Park** (Avishai Teicher)

- 9:00- 9:45 Breakfast at Beit Gavriel, Zemach (04-6751175) (Keren 052-279-9566)
- 10:15-10:45 Kibbutz Mevo Hama. Sarit Zehavi will give a security briefing on being close to Syria and on the challenges facing the residents.
- 10:45-11:00 Prof. Kosloff will give a briefing on the history of the Golan
- 11:00-12:00 Travel to Mount Avital/Bental
- 12:00-13:30 Sarit will discuss Hezbollah's involvement in Syria, Iran's involvement in the region & Syria's civil war. Continue to Kantara & discuss the Druze Dilemma and to the border to discuss the Syrian rebel militias. Sarit leaves the group.
- 14:00-14:45 Lunch at Misedet Habokrim Merom Golan (04-6960206;072-3360465)  
Prof. Kosloff will share his experiences in the Yom Kippur War.
- 15:30-16:00 Mas'ade Druze Village – Prof. Kosloff's briefing
- 16:45-17:00 Kiryat Shmona (Restrooms)
- 17:30 Amiad Intersection – Back to Jerusalem and Beer Sheva
- 18:00 Golani Intersection – Back to Haifa and Tel Aviv



**Mevo Hama** (Omer Markovsky)



**Mas'ade**



## OUR GUIDES

**Colonel (Res.) Ronnie Kosloff** grew up in Jerusalem and then moved to Haifa in Israel. He graduated from Hebrew Reali School in Haifa in 1966. He joined the armored corps of the Israel Defense Forces. He studied at the Hebrew University from 1969 to 1978 when he obtained his PhD. From 1978-1980 he was a post doctoral fellow at the University of Chicago. Ronnie Kosloff joined the Hebrew University faculty at 1981 where he serves as a Sunburn professor of theoretical chemistry.

Ronnie served in the Armored Forces in the Golan Heights during the Yom Kippur War.

Ronnie Kosloff contributed to the theory of quantum molecular dynamics. He developed methods to follow the evolution of a molecular system by solving the time dependent Schrödinger equation. Together with David Tannor and Stuart A Rice they originated the pump-dump scheme for coherent control. The idea of coherent control was extended to Unitary transformations, a key ingredient in quantum gates. More recent work is on coherent control of binary chemical reactions. He originated the dynamical study of quantum heat engines. This study is part of the emerging field of quantum thermodynamics.

Ronnie Kosloff is a member of the International Academy of Quantum Molecular Science. He won the Feher Prize for distinguished researchers in science in 1995. He won the Kolthoff Prize of the Technion – Israel Institute of Technology in 2003. He won the Israel Chemical Society Prize of Excellence in 2007.

Ronnie lives with his wife Yaffa and their 3 sons in Beit Hakerem, Jerusalem.

\* \* \*

**Lt. Col (Res.) Sarit Zehavi** served for 15 years in the Israeli Defense Forces, specializing in Military Intelligence –initially with the IDF Research & Analysis section and later on, within the IDF Northern Command. During her military service, she briefed hundreds of delegations, ranging from US Senators, Congressmen/women and politicians to global military commanders, senior journalists and visiting VIP groups.

Sarit holds an M.A. in Middle East Studies from Ben-Gurion University and with her new business initiative “Alma”, she not only continues to brief individuals and delegations on Israel’s northern border tours, but is also invited to lecture on a broad range of issues related to current affairs in the Middle East to prestigious global audiences overseas. She also composes numerous position papers and updates focusing on Lebanon, Syria and Israel’s national security challenges.

Sarit lives with her husband and their 5 children, in the Northern Galilee, in Israel.