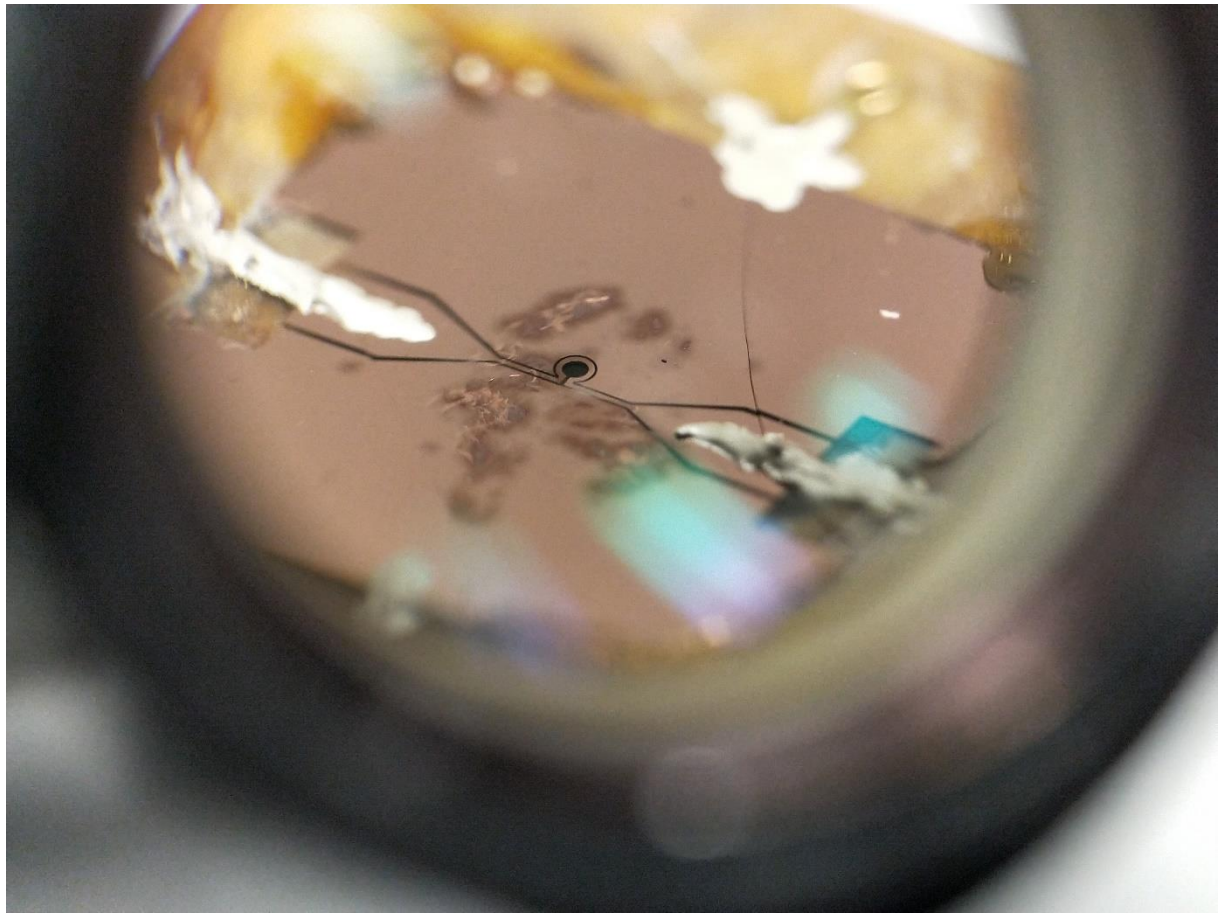
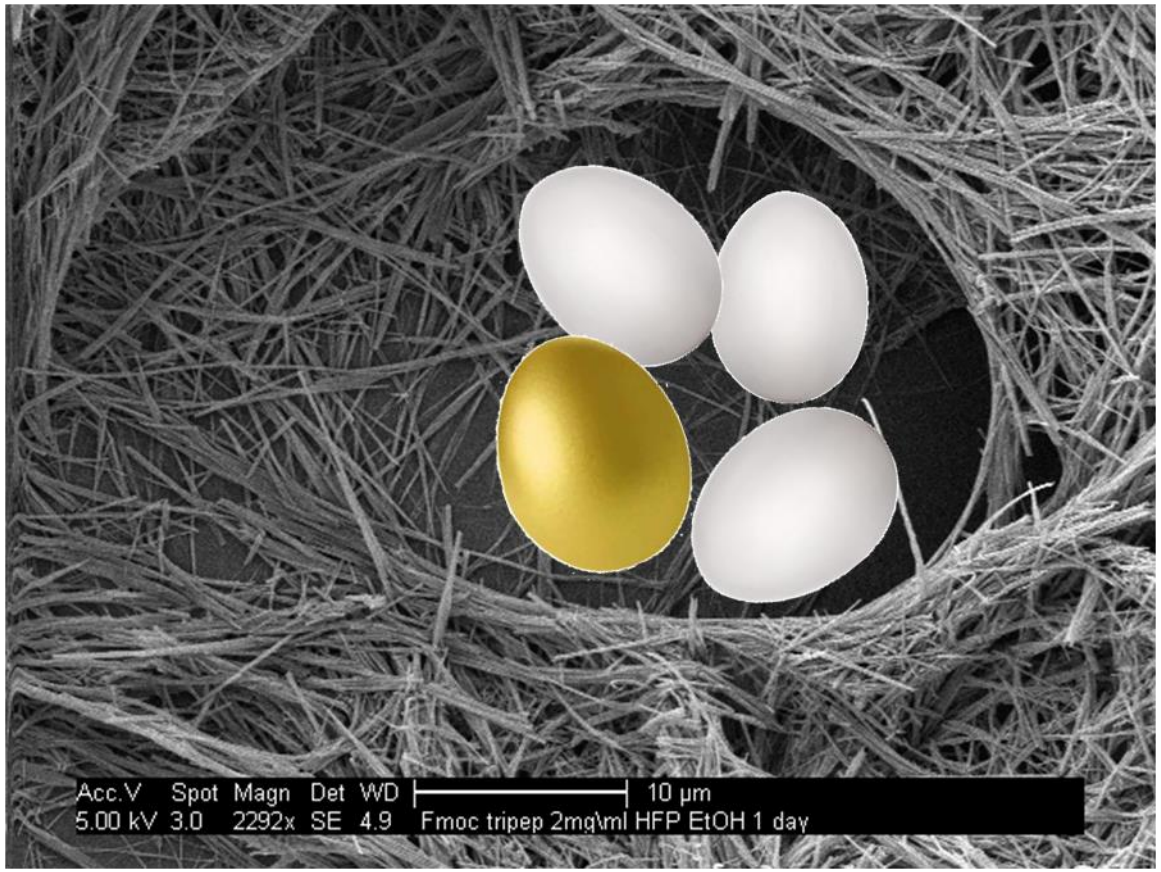
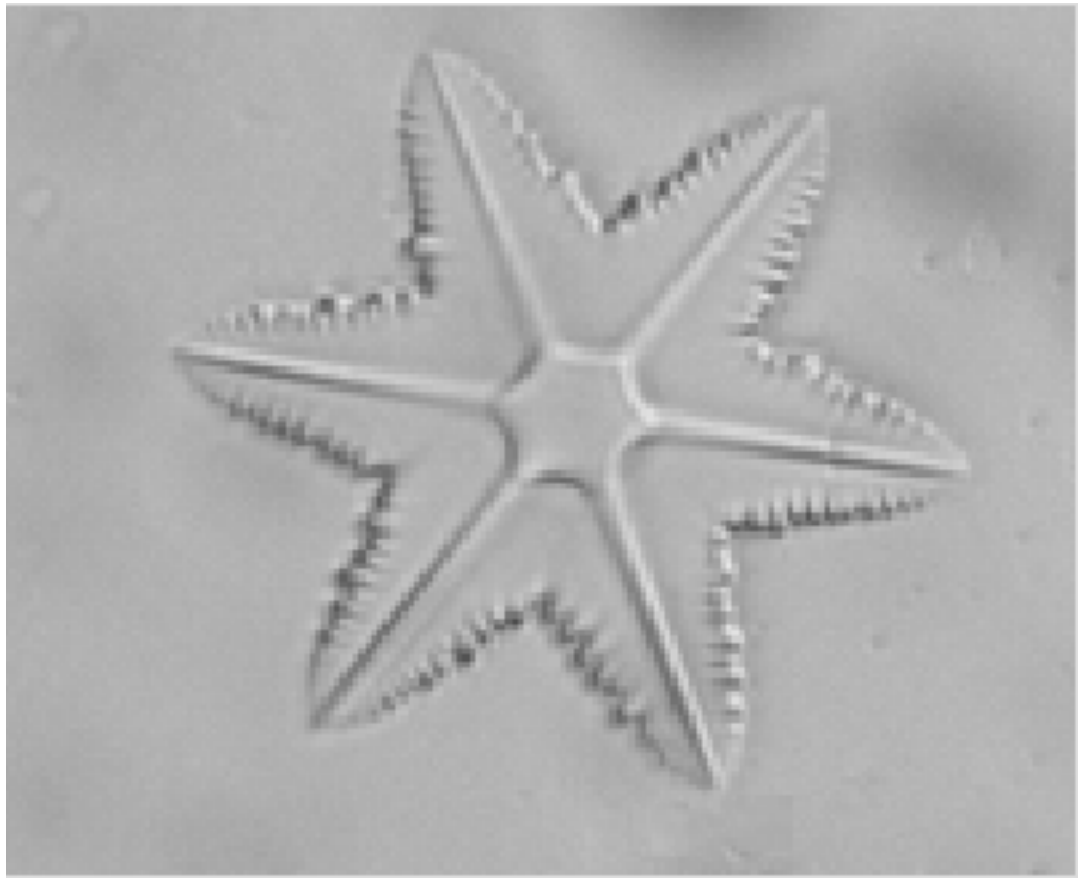
Full names: Dima Farfurnik (Fabrication) & Galya Haim (Photography).
Supervisor: Dr. Nir Bar-Gill.
Department: The Racah Institute of Physics and The Applied Physics Department.
Telephone: 050-2150285 (Dima)
E-mail: dimka_f13@yahoo.com (Dima)
Title: "The Magnificent Omega"
Caption: "Fabricated Omega-like waveguide for delivering high-intensity microwave fields. Photo taken through a magnifying glass"
Personal Statement: Uniquely-designed and fabricated waveguide toward spin ensemble-based nano-MRI and many-body dynamics.



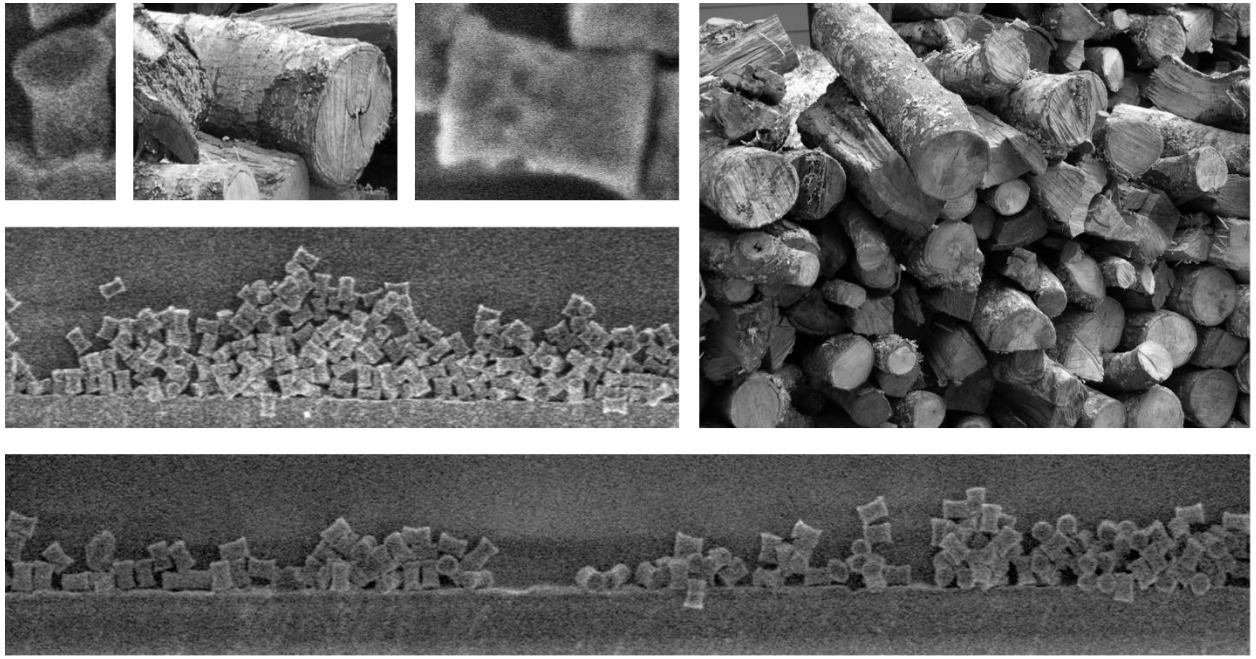
Full name: Sivan Yuran
Supervisor: Prof. Meital Reches
Department: Chemistry
Telephone: 054-6233379
Email: sivan.yuran@mail.huji.ac.il
Date taken: 04\05\2017
Title: Nano Nest
Caption: Self-assembly of a short peptide into nano tubular structures as seen under the SEM.
Personal statement : Our short peptide can self-assemble into nano tubes that were arranged to a nest-like structure made of twigs.



Name: Tova Miriam Pinsky
Supervisor: Dr. Ido Braslavsky
Department: Robert H. Smith Faculty of Agriculture, Department of Biochemistry, Food Science and Nutrition
Telephone: 050-7096779
E-mail: tova.pinsky@mail.huji.ac.il
Date: 1st October, 2017
Title: Ice Star
Caption: A single ice crystal grown in a DMSO and Water solution during freezing.
Personal Statement: This image captures the symmetry of an ice crystal before a dendritic burst.



Name: Jonathan Bard-David
Supervisor: Uriel Levy's group
Department: Applied Physics dept
Telephone: 0507869266
E-mail: Jonathan.bardavid@mail.huji.ac.il
Date: November 12th 2017
Title: Firewood
Caption: Real wood image is a public domain. The image shows a-Si nanopillars on glass substrate. Due to unknown reasons the nanopillars detached from the substrate and piled up.
Personal Statement: In my eyes the nanopillar piles resemble firewood piles.



Firewood. α-Si on SiO2. Jonathan Bar-David

Full name : Roni Almon

Supervisor: Oded Shoseyov

Department:*The Institute of Plant Sciences and Genetics in Agriculture The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem,Rehovot, Israel*

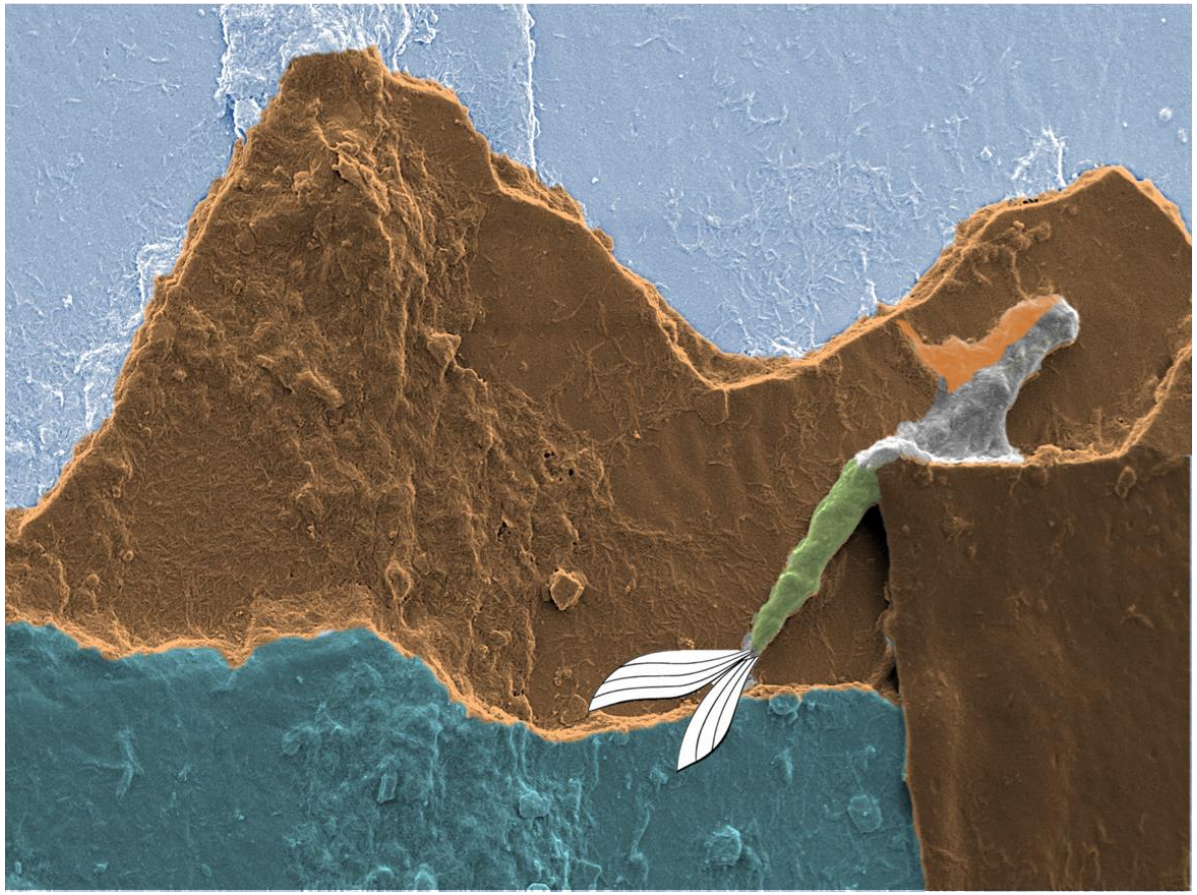
Telephone : 052-3360438

Email: almonroni@gmail.com

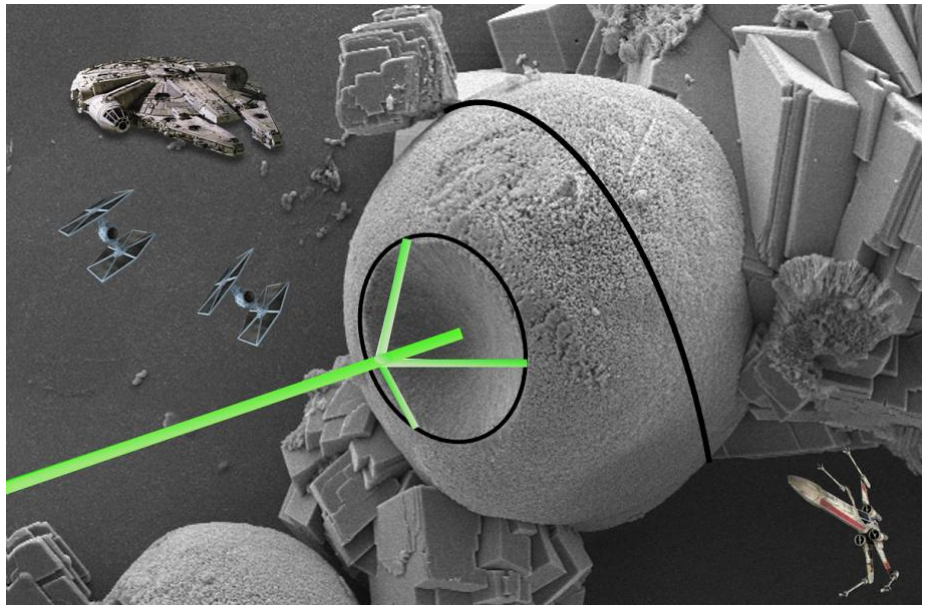
Date taken 28/1/2018

Title: Nano Litle mermaid

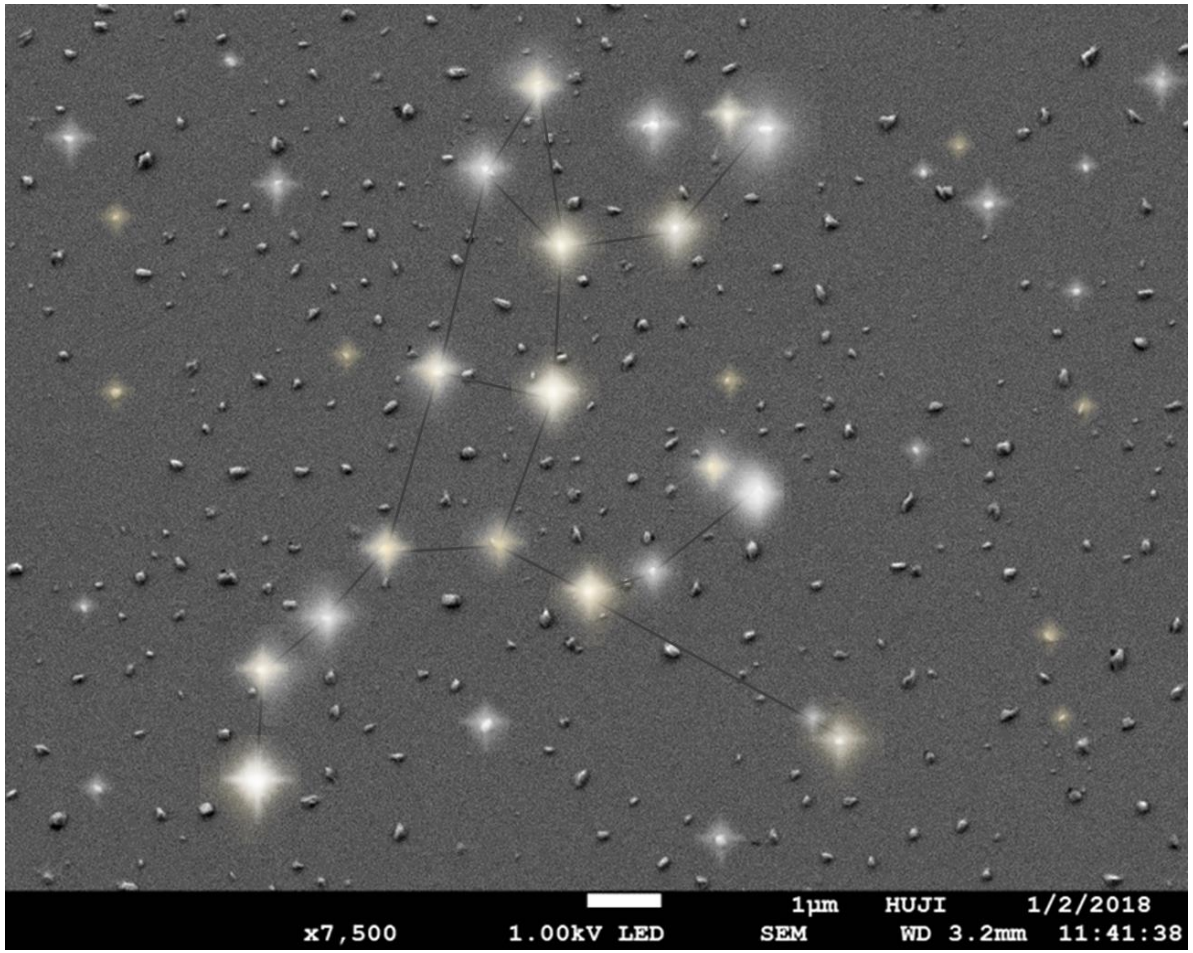
Figure caption: Hair sample coated with cnc (crystalline nano cellulose)



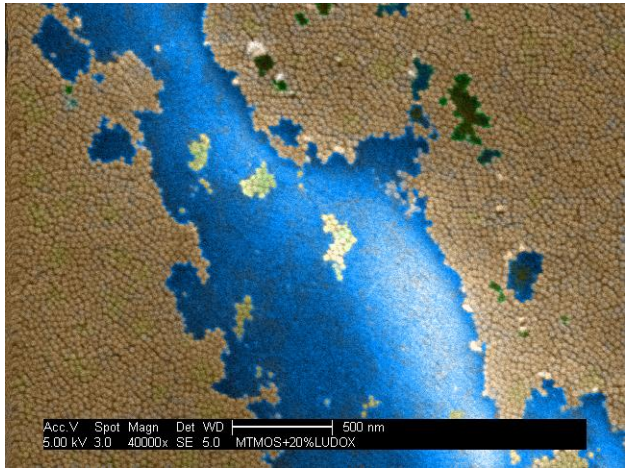
Name: David N. Azulay
Supervisor: Liraz Chai
Department: The Institute of Chemistry
Telephone: 0528361941
E-mail: david.Azulay@mail.huji.ac.il
Date: The image was taken at 31.1.18
Title: The Calcium Carbonate Death Star
Caption: $CaCO_3$ crystals formed by diffusion of CO_2 into a $CaCl_2$ solution supplemented by a bacterial polysaccharide.
Personal statement: A reproduction of the battle of Endor (Star wars) with Vaterite ($CaCO_3$) as the Death Star.



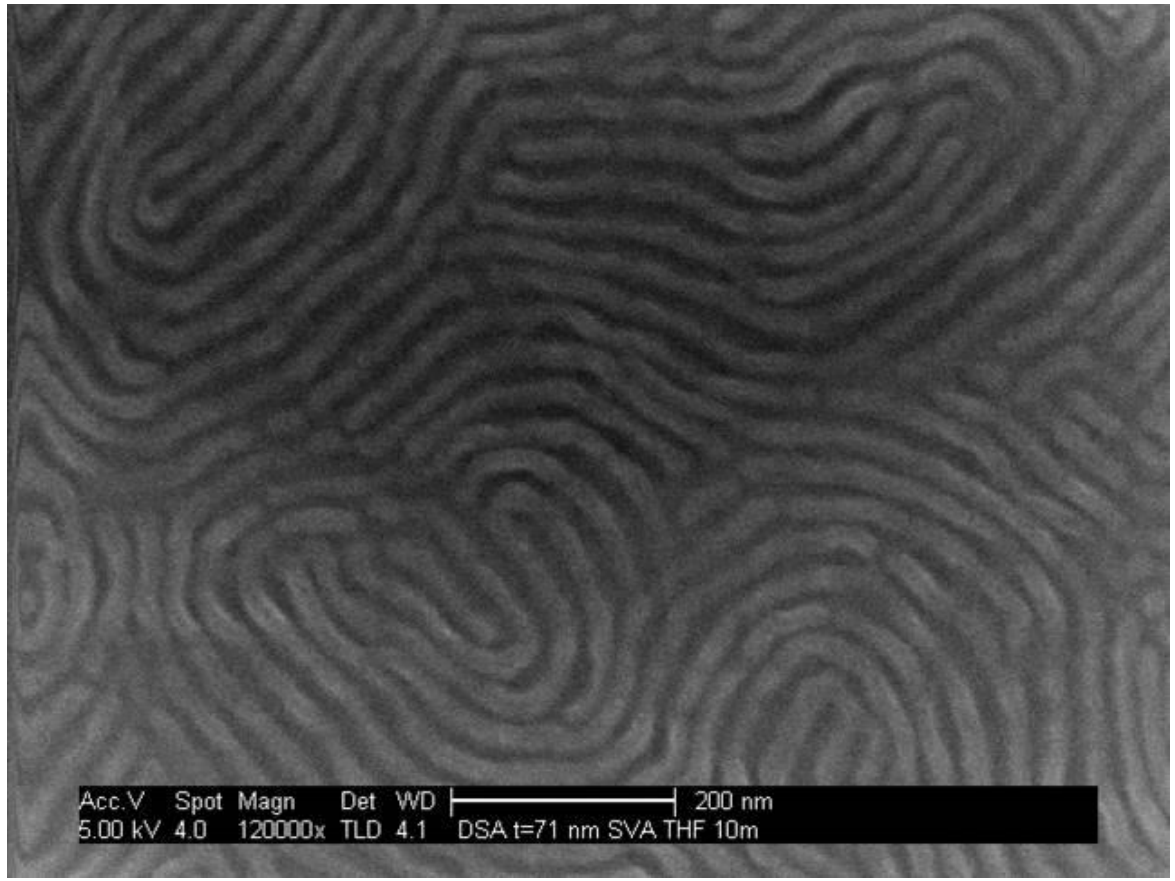
Name: Chen Nowogrodski
Supervisor's name: Oded Shoseyov
Department: Plant sciences, 08-0489761,Chen.nowo@mail.huji.ac.il
Date taken: 2.1.18
Title: Ursa Major
Caption: Keratin seeds in a matrix as the stars in the sky
Personal statement: Keratin star chart embodies the endless options of creation in the bio material world

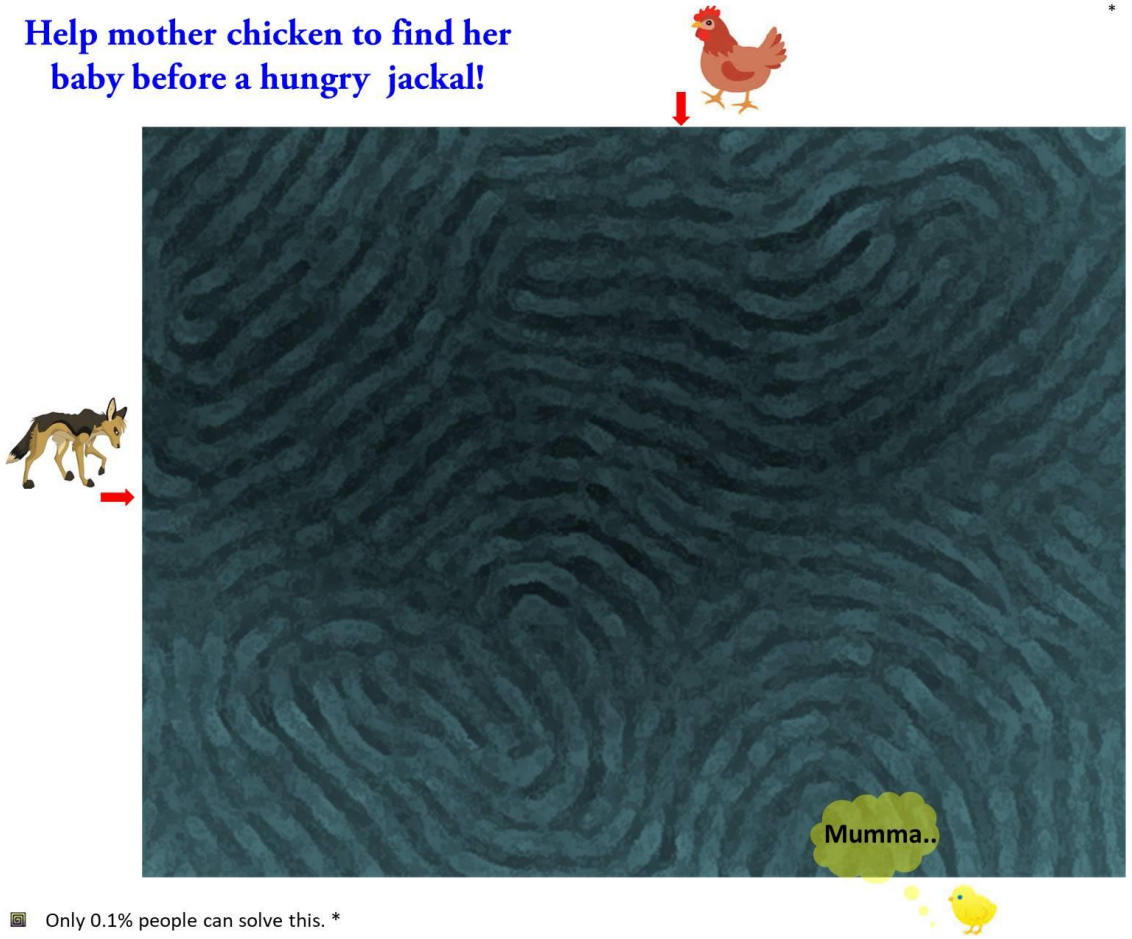


Name: Tal Zada
Supervisors: Prof. Meital Reches
Prof. Daniel Mandler
Department: Chemistry
Telephone: 02-6586427
Email: tal.zada@mail.huji.ac.il
Date taken: 17.07.17
Title: Mini "Dead Sea"
Caption: Antifouling coatings based on sol-gel, incorporated with silica nanoparticles for topography formation.
Personal Statement: A coating defect looks like the Dead Sea.



Name: S N Raju Kutcherlapati
Supervisor: Prof. Roy Shenhar
Department: institute of Chemistry, Philadelphia building 209, 02-6586272
Email: raju.k@mail.huji.ac.il
Date taken: 3.3.2015 (SEM)
Title: Nano-maze
Figure caption: Nano finger print like structure was observed during solvent vapor annealing of a block copolymer on a SiO_x wafer.





Full name: Adva Shpatz Dayan
Supervisor: Professor Lioz Etgar
Department: Applied chemistry
Telephone: 052-6686899
Email: adva.shpatz@mail.huji.ac.il
Date taken: 31.01.2018
Title: Solar Bear
Caption: Solar cell with a main layer of perovskite on a substrate of PEDOT:PSS (SEM) Personal statement - The image is a perfect example of the creativity and complexity of the perovskite field.