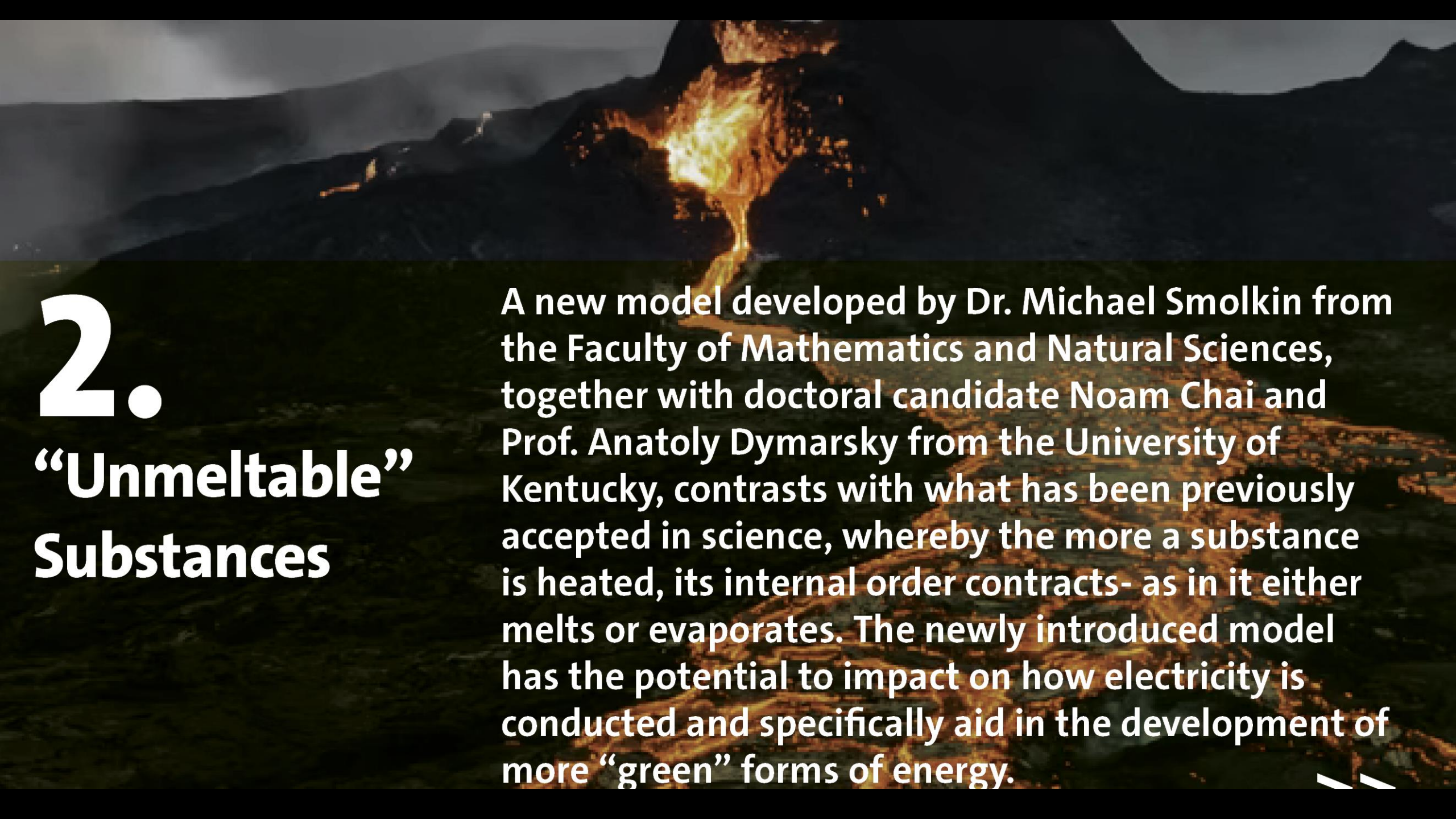




1. The Plight of Philanthropy for Women and Girls

A recent study conducted by Dr. Minna Wolf, Kylie Eisman-Lifschitz and Prof. Michal Almog-Bar, part of a partnership effort of the Center for the Study of Civil Society and Philanthropy, revealed that only 0.91% of philanthropic giving in Israel is dedicated to assisting organizations focused on women and young girls.

A dramatic night scene of a volcanic eruption. A large, dark mountain peak is illuminated from within by a bright, glowing orange and yellow lava flow that cascades down its side. In the foreground, a wide, dark lava flow stretches across the landscape, its surface reflecting the light from the eruption. The sky is dark and cloudy, with some faint lights visible in the distance.

2.


“Unmeltable” Substances

A new model developed by Dr. Michael Smolkin from the Faculty of Mathematics and Natural Sciences, together with doctoral candidate Noam Chai and Prof. Anatoly Dymarsky from the University of Kentucky, contrasts with what has been previously accepted in science, whereby the more a substance is heated, its internal order contracts- as in it either melts or evaporates. The newly introduced model has the potential to impact on how electricity is conducted and specifically aid in the development of more “green” forms of energy.



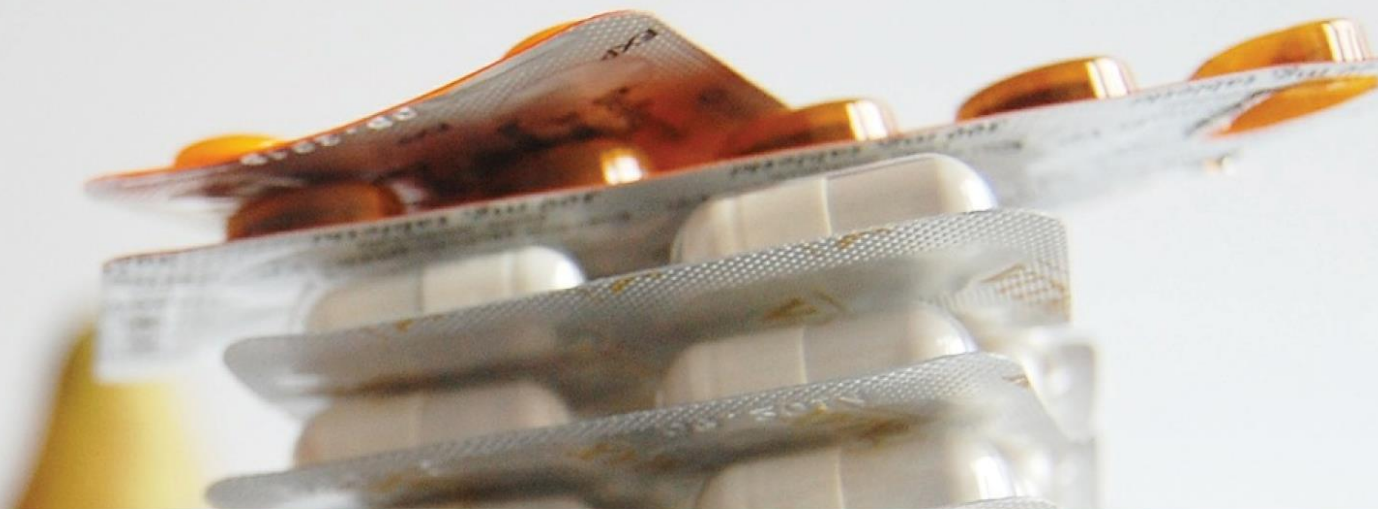
3. 'Lost Property' The Mistaken Case of German Reparations

A new historical study from Dr. Iris Nachum whose expertise is in the research of modern Central European history in the Department of History at Hebrew University, has found that German citizens who were forced out of homes after World War II that had been previously stolen from their original Jewish owners, received payments from the German government for "lost property." In many cases, when the original owners demanded compensation- the government ignored their requests and chose to accept the false claims from the German citizens.



4. Understanding the Mechanism of Brain Cell Networks

A recent study published in Nature, prepared by an international team of researchers including Nobel Prize winners and Prof. Yoram Burak from the Racah Institute of Physics and the Edmond and Lily Safra Center for Brain Sciences at Hebrew University, has helped reveal the mechanisms whereby brain cells collaborate in ways that allow animals to identify their position in a specific space.



5. A New Episode on HUJICast

A new podcast features Dr. Zackaria Nairoukh discussing the 2021 Nobel Prize in Chemistry, the origins of side effects in medication, and how to develop more effective drugs and substances that know how to respond to light.