

Introducing the newly established:



DEPARTMENT OF
AEROSPACE ENGINEERING

TECHNION
Israel Institute
of Technology

Combustion and Diagnostics Laboratory

Research position available for M.Sc. and Ph.D. Students!
(Undergraduate projects also available)

Be part of the future of aerospace propulsion!
Conduct multi-disciplinary research to drastically
improve combustion efficiency and enable high-
speed engines.



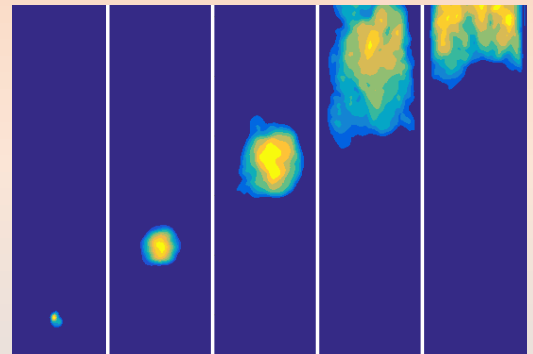
High-speed Combustion

Combustion:

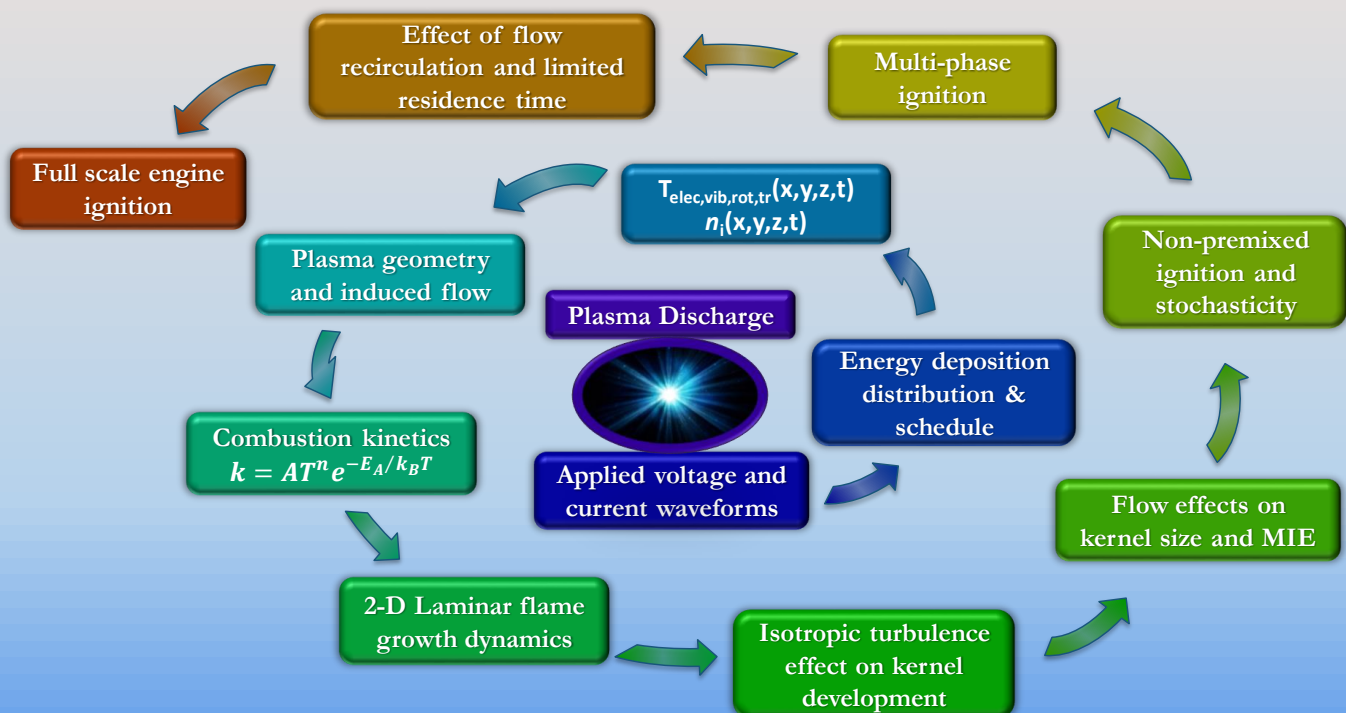
Ignition and flame dynamics in subsonic and supersonic
flows, alternative (green) fuel characterization and modeling,
plasma-assisted combustion (PAC) kinetics.

Optical Technique Development:

Infrared radiation spectroscopy and thermography, tunable
diode laser absorption spectroscopy (TDLAS), Faraday
rotation spectroscopy (FRS), optical emission spectroscopy
(OES).



Infrared Spectroscopy



For more information, please contact Asst. Prof. Joseph Lefkowitz

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