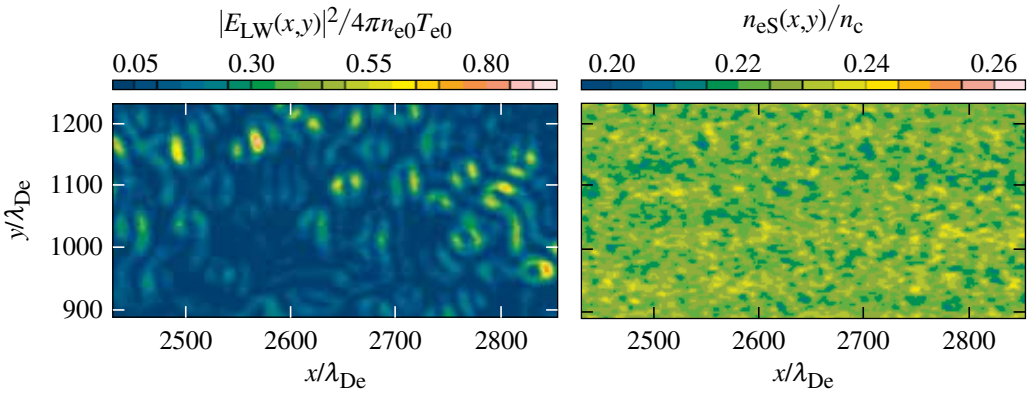
About the Cover:

The cover photo shows Dr. Jason Myatt presenting simulation results that describe Langmuir turbulence and suprathermal electron production from the two-plasmon-decay instability driven by crossed laser beams in inhomogeneous plasma. In the foreground are plots of the caviton correlator, Langmuir wave energy density, and the low-frequency density fluctuation. The solid curve on the top panel represents the spatiotemporal evolution of the quarter-critical surface. The boxes in the middle and bottom panels mark regions where Langmuir cavitation and collapse are examined in greater spatial detail.

The image below shows the magnified spatial region where caviton activity is observed. Several stages of nucleation and collapse are observed simultaneously.



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