I.C. Engine Research – I  Abraham

- Experimental Results
- Laboratory
- Intake Exhaust Flows  Multidimensional Computations

-3.5 SOI Case, 1.5 °CA ATDC
I.C. Engine Research – II  

Abraham

- Swirl-Spray Interaction
- Spray-Wall Interaction
- In-Cylinder Pressure in Propane Fueled HCCI Engine
I.C. Engine Research – III  Abraham

Temperature Distribution

- Spray Combustion, Flamelet Models

- DNS of Reacting Mixing Layers

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• Break-up of Liquid Jets, Atomization
• DNS of Interacting Drops

Two-Phase Flows

• Lattice-Boltzmann Methods

Parallel Processing

Number of processors

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