

# Listing of Organizers, Working Group Leaders and Convenors

*1999 Fusion Summer Study*

## Organizing Committee

Mohamed Abdou (UCLA)	Dan Barnes (LANL)
John Cary (UColorado)	Rich Hawryluk - Co-Chair (PPPL)
Arnold Kritz (Lehigh)	Grant Logan - Co-Chair (LLNL)
Mike Mauel - Co-Chair (Columbia)	Farrokh Najmabadi (UCSD)
Craig Olson (SNL)	Tony Taylor (GA)

## Working Group Organizers

<b>Fusion Concepts Working Groups</b>	<b>Cross-Cutting Issues Working Groups</b>
Magnetic Fusion Concepts - Tony Taylor	Plasma Science Issues -Arnold Kritz, John Cary
Inertial Fusion Concepts - Craig Olson	Technology Issues - Mohamed Abdou
Emerging Fusion Concepts - Dan Barnes	Energy Issues - Farrokh Najmabadi

## Working Groups

<b>Magnetic Fusion Concepts - Tony Taylor</b>	
<i>Transport in Magnetic Confinement Concepts</i> Martin Greenwald(MIT), John Sarff (UWisc)	<i>Pursuing Burning Plasmas in Magnetic Confinement Concepts</i> Herb Berk (UT), Rip Perkins (GA)
<i>MHD Stability in Magnetic Confinement Concepts</i> Edward Strait (GA), Chris Hegna (UWisc)	<i>Achieving Steady State Operation in MFE Devices</i> Hutch Neilson (PPPL), Ed Synakowski (PPPL)
<i>Plasma Boundary and Particle Control in MFE Concepts</i> Bruce Lipschultz (MIT), Tom Rognlien (LLNL)	<i>MFE Concept Integration and Performance Measures</i> Mike Zarnstorff (PPPL), Ray Fonck (UWisc)

<b>Inertial Fusion Concepts - Craig Olson</b>	
<i>Targets</i> Max Tabak (LLNL), Jill Dahlburg (NRL), Rick Olson(SNL)	<i>Drivers and Standoff</i> Steve Payne (LLNL), John Barnard (LLNL), John Sethian (NRL), Rick Spielman (SNL)
<i>Inertial Fusion Power Plant Concepts</i> Ken Schultz (GA), Robert Peterson (UWisc), Per Peterson (UC)	<i>IFE Metrics and Development Paths</i> Wayne Meier (LLNL), John Perkins (LLNL)

<b>Emerging Fusion Concepts - Dan Barnes</b>	
<i>Reactor Issues</i> Jim Hammer (LLNL), Dick Siemon (LANL),	<i>Physics Issues</i> Adil Hassam (UMaryland), Jay Kesner (MIT)
<i>Next Step Issues</i> Alan Hoffman (UWash), Bick Hooper (LLNL)	<i>Technical Opportunities</i> George Miley (Uillinois), John Slough (UWash)

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<b>Plasma Science Issues - Arnold Kritz / John Cary</b>	
<p><i>Boundary Sciences Group</i>                      Gary Porter (LLNL), Bruce Lipshultz (MIT),                      Tony Leonard (GA), Jim Albritton,                      Sergei Krashinennikov (GA), Ali Mahdavi (GA),                      Peter Mioduczewski (ORNL),                      Mike Ulrickson (SNL),                      Ron Cohen (LLNL), Tom Rognlien(LLNL),                      Dmitri Ryutov (LLNL), Spencer Pitcher (MIT),                      Vincent Chan (GA), Martin Peng (PPPL)</p>	<p><i>MHD/Beam Science Issues Group</i>                      Riccardo Betti (Rochester), Ted Strait (GA),                      Jim Callen (UWisc), Alex Friedman (LLNL),                      Janardhan Manickam (PPPL),                      Hank Strauss (NYU), John Barnard (LLNL),                      Steve Lund (LLNL), Mordi Rosen (LLNL),                      John Cary (UColorado)</p>
<p><i>Wave/Particle Interaction Group</i>                      Don Batchelor, Bill Kruer,                      Cynthia Phillips (PPPL), Max Tabak (LLNL),                      Raffi Nazikian (PPPL), Paul Drake,                      Arnold Kritz(Lehigh)</p>	<p><i>Turbulence/Transport Science Group</i>                      Greg Hammett (PPPL), Paul Terry (UWisc),                      John DeGroot (UCDavis),                      Martin Greenwald (MIT),                      Ed Synakowski (PPPL),                      Richard Town (Rochester),                      Bruce Cohen (LLNL), Arnold Kritz (Lehigh)</p>

<b>Technology Issues - Mohamed Abdou</b>	
<p><i>Chamber Technology Subgroup</i>                      M. Abdou (UCLA), M. Ulrickson (SNL)</p>	<p><i>Plasma Technology Subgroup</i>                      Stan Milora (ORNL), Rich Callis (GA)</p>
<p>Liquid Walls –                      Ralph Moir (LLNL), Neil Morley (UCLA)</p>	<p>Profile Control –                      David Swain (ORNL), Richard Temkin (MIT)</p>
<p>Solid Walls –                      Mike Ulrickson (SNL), Rich Mattas (ANL)</p>	<p>Magnets –                      Joel Schultz (MIT), Robert Woolley (PPPL),</p>
<p>Reliability / Maintainability –                      Mark Tillack (USCD), Brad Nelson (ORNL)</p>	<p>IFE Targets –                      Ken Schultz (GA), Warren Steckle (LANL)</p>
<p>Testing Facilities –                      Steven Zinkle (ORNL), Alice Ying (UCLA)</p>	
<p>Waste Minimization –                      David Petti (INEEL), Edward Cheng (TSI)</p>	<p><i>Plasma Technology Summary Sessions</i></p>
<p>Tritium –                      Mohamad Sawan (UWisc), Scott Willms</p>	<p>Magnetic –                      David Swain (ORNL), Robert Woolley (PPPL)</p>
<p>Materials Advances –                      Steven Zinkle (ORNL), Michael Billone (ANL)</p>	<p>Inertial –                      Rich Callis (GA), Warren Steckle (LANL)</p>
<p>Questions Common to Both Subgroups                      Contributions – Stan Milora (ORNL), Mike Ulrickson (SNL)                      Science Advances – David Petti (INEEL), Mark Tillack (USCD), John Santarius (UWisc)</p>	

<b>Energy Issues - Farrokh Najmabadi</b>	
<p><i>Long Term Visions for Fusion Power Applications</i>                       Jeffrey Freidberg (MIT), Bill Nevins (LLNL),                      John Perkins (LLNL), Don Steiner (Rensselaer)</p>	<p><i>Range of Steps Along Development Paths, Options,                      Directions, Accomplishments, and Decision                      Criteria</i>                       Ron Stambaugh (GA), Gerald Navratil (Columbia)</p>