

**4th Annual Postdoctoral Research Symposium
Argonne National Laboratory
Thursday, October 27, 2011**

SESSION 1A: CHEMISTRY AND BIOCHEMISTRY

Room E1100

10:00 AM-11:45 AM

Session Chairs: Walter Henne (Governors State University, University Park, IL)
Gayathri Gopalakrishnan (Argonne, Energy Systems Division)

SESSION 1B: CHEMISTRY AND BIOCHEMISTRY

Room E1100

2:15 PM-4:30 PM

Session Chairs: Susie Martins (UOP/Honeywell, Des Plaines, IL)
Boguslaw Nocek (Argonne, Biosciences Division)

SESSION 1C: CHEMISTRY AND BIOCHEMISTRY

Room A5000

10:00 AM-11:30 AM

Session Chairs: Peter Reed (Nalco Chemical, Naperville, IL)
Swati Pol (Argonne, Chemical Sciences and Engineering Division)

SESSION 2A: ENGINEERING

Room E1200

10:15 AM-11:30 AM

Session Chairs: Justin Thomas (Argonne, Nuclear Engineering Division)
Shaolin Liao (Argonne, Nuclear Engineering Division)

SESSION 2B: ENGINEERING

Room E1200

2:15 PM-4:30 PM

Session Chairs: Rui Hu (Argonne, Nuclear Engineering Division)
Kent Wardle (Argonne, Chemical Sciences and Engineering Division)

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SESSION 3A: MATERIALS SCIENCE

Room A1100

10:00 AM-11:45 AM

**Session Chairs: Richard Weber (Materials Development, Inc., Arlington Heights, IL)
Shikha Jain (Argonne, Materials Science Division)**

SESSION 3B: MATERIALS SCIENCE

Room A1100

2:15 PM-5:00 PM

**Session Chairs: Vilas Pol (Argonne, Chemical Sciences and Engineering Division)
Martin Bettge (Argonne, Chemical Sciences and Engineering Division)**

SESSION 3C: MATERIALS SCIENCE

Room A5000

2:15 PM-4:30 PM

**Session Chairs: Christian Buth (Argonne, Xray Science Division)
Phay Ho (Argonne, Xray Science Division)**

SESSION 4: MATHEMATICS AND COMPUTER SCIENCE

Room B5100

10:00 AM-11:45 AM

**Session Chairs: Andrew Skipor (Argonne, Communications, Education and Public Affairs)
Yan Feng (Argonne, Environmental Science Division)**

SESSION 5: PHYSICS AND HIGH ENERGY PHYSICS

APS Lower Level Gallery

10:00 AM-11:45 AM

**Session Chairs: Kawtar Hafidi (Argonne, Physics Division)
Joseph Bernstein (Argonne, High Energy Physics Division)**

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SESSION 6: BIOLOGY AND ENVIRONMENTAL SCIENCE

Room B5100

1:00 PM-2:15 PM

Session Chairs: Frank Collart (Argonne, Biosciences Division)
Louis Harnisch (Argonne, Communications, Education and Public Affairs)

SESSION 7: SYNCHROTRON SCIENCE

Room B5100

2:30 PM-4:45PM

Session Chairs: Hua Zhou (Argonne, Xray Science Division)
Si Chen (Argonne, Xray Science Division)