

STAFF MEMBERS OF THE PHYSICS DIVISION

Listed below is the staff of the Physics Division for the year ending December 31, 2003.
The program headings indicate only the individual's current primary activity.

SCIENTIFIC STAFF

EXPERIMENTAL NUCLEAR PHYSICS STAFF

Regular Staff

- Irshad Ahmad, Ph.D., University of California, 1966
 John Arrington Ph.D., California Institute of Technology, 1998
 Birger B. Back, Ph.D., University of Copenhagen, 1974
 Michael P. Carpenter, Ph.D., University of Tennessee, 1987
 * Yanglai Cho, Ph.D., Carnegie-Mellon University, 1966
 † Cary N. Davids, Ph.D., California Institute of Technology, 1967
 ‡ Susan Fischer, Ph.D., University of Notre Dame, 1994
 § Donald F. Geesaman, Ph.D., State University of N.Y., Stony Brook, 1976
 Kawtar Hafidi, Ph.D., University of Paris South XI, 1999
 ¶ Walter F. Henning, Ph.D., Technical University of Munich, 1968
 ** Roy J. Holt, Ph.D., Yale University, 1972
 †† Harold E. Jackson, Jr., Ph.D., Cornell University, 1959
 ‡‡ Robert V.F. Janssens, Ph.D. Univ. Catholique de Louvain, Belgium, 1978
 Cheng-lie Jiang, Ph.D. China Institute of Atomic Energy, 1960
 Michael P. Kelly, Ph.D., University of Washington, 1999
 Teng Lek Khoo, Ph.D., McMaster University, 1972
 Torben Lauritsen, Ph.D., State University of New York, 1990
 Eliane Lessner, Ph.D., Syracuse University, 1975
 Christopher J. Lister, Ph.D., University of Liverpool, 1977
 Zheng-tian Lu, Ph.D., University of California, Berkeley, 1994
 Eugene Moore, Ph.D., Florida State University, 1988
 §§ Jerry A. Nolen, Jr., Ph.D., Princeton University, 1965
 Peter N. Ostroumov, Ph.D. Moscow Engineering and Physical Institute, 1982
 Richard C. Pardo, Ph.D., University of Texas, 1976
 David H. Potterveld, Ph.D., Caltech, 1988
 Karl Ernst Rehm, Ph.D., Technical University, Munich, 1973
 Paul Reimer, Ph.D. University of Illinois, 1996
 ¶¶ Guy Savard, Ph.D., McGill University, 1988
 ¶¶ John P. Schiffer, Ph.D., Yale University, 1954
 Dariusz Seweryniak, Ph.D., Uppsala University, 1994
 Kenneth W. Shepard, Ph.D., Stanford University, 1970
 Kenneth Teh, Ph.D., Vanderbilt University, 1988

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- * Left the Physics Division in September 2003.
 † Adjunct Professor, Vanderbilt University.
 ‡ Joint appointment with DePaul University.
 § Director of the Physics Division.
 ¶ On leave of absence at GSI, Darmstadt.
 ** Adjunct Professor, University of Illinois, Urbana-Champaign.
 †† Associate Director of the Physics Division.
 ‡‡ Associate Director of the Physics Division. Adjunct Professor, Michigan State University and Adjoint Professor, Vanderbilt University.
 §§ Director of the ATLAS Facility. Adjunct Professor, Michigan State University.
 ¶¶ Joint appointment with the University of Chicago.

Special Appointments

- Lowell M. Bollinger, Ph.D., Cornell University, 1951
- William J. Childs, Ph.D., University of Michigan, 1956
- Donald S. Gemmell, Ph.D., Australian National University, 1960
- F. Paul Mooring, Ph.D., University of Wisconsin, 1951
- * Michael Paul, Ph.D., Hebrew University of Jerusalem, 1973
- Gilbert J. Perlow, Ph.D., University of Chicago, 1940
- G. Roy Ringo, Ph.D., University of Chicago, 1940
- Ralph E. Segel, Ph.D., Johns Hopkins University, 1955
- † Ben Zeidman, Ph.D., Washington University, 1957

THEORETICAL NUCLEAR PHYSICS STAFF

Regular Staff

- Henning Esbensen, Ph.D., University of Aarhus, 1977
- ‡ Tsung-Shung Harry Lee, Ph.D., University of Pittsburgh, 1973
- Kenneth Nollett, Ph.D., University of Chicago, 2000
- Steven C. Pieper, Ph.D., University of Illinois, 1970
- Craig D. Roberts, Ph.D., Flinders University of South Australia, 1989
- Robert B. Wiringa, Ph.D., University of Illinois, 1978

Special Appointments

- Paul Benioff, Ph.D., University of California, 1959
- Arnold R. Bodmer, Ph.D., Manchester University, 1953
- Richard R. Chasman, Ph.D., University of California, 1959
- Fritz Coester, Ph.D., University of Zurich, 1944
- Mitio Inokuti, Ph.D., University of Tokyo, 1962
- Dieter Kurath, Ph.D., University of Chicago, 1951
- Robert D. Lawson, Ph.D., Stanford University, 1953
- § Vijay Pandharipande, Ph.D., University of Bombay, 1969
- Murray Peshkin, Ph.D., Cornell University, 1951

TEMPORARY APPOINTMENTS

Postdoctoral Appointees

- Thomas Duguet (from CEA, Saclay, France):
Theoretical studies.
(November 2002-)
- Neil J. Hammond (from University of Liverpool):
Research at ATLAS.
(July 2002-)
- Arne Hoell (from University of Rostock, Germany):
Theoretical studies.
(October 2003--)

- * Special Term Appointee from the Hebrew University of Jerusalem.
- † Special Term Appointee. Adjunct Professor, Hampton University.
- ‡ Adjunct Professor, University of Pittsburgh.
- § Special Term Appointee from the University of Illinois-Urbana.

Ian Moore (from Shuster Laboratory, UK):
Medium-energy physics.
(November 2001--November 2003)

Gopal Mukherjee (from University of Massachusetts, Lowell, MA):
Heavy-ion research at ATLAS.
(October 2001--October 2003)

Brahim Mustapha (from University of Paris, France):
ATLAS operations and development.
(May 2000--)

Elaine Schulte (from University of Illinois-Urbana):
Medium-energy physics studies.
(February 2002-)

Nicholas Scielzo (from University of California-Berkeley):
Medium-energy physics.
(July 2003--)

Shrabani Sinha (from India Institute of Technology, Bombay):
Research at ATLAS.
(June 2002-)

Xiaodong Tang (from Texas A&M University, College Station, TX):
Research at ATLAS.
(May 2003--)

Alexander Volya (from Michigan State University, E. Lansing, MI):
Theoretical physics studies.
(January 2002 --July 2003)

Nikolai Vinogradov (from Moscow Engineering Physical Institute, Russia):
ATLAS operation and development.
(November 2001--)

Xiaochao Zheng (from Massachusetts Institute of Technology, Cambridge, MA):
Medium-energy physics.
(January 2003--)

Zhen Zhou (from University of Giessen, Germany):
Research at ATLAS.
(February 2002-)

TECHNICAL AND ENGINEERING STAFF (and areas of activity)

Kevin G. Bailey (B.S. University of Nebraska, 1989).
Technical assistance, medium-energy physics.

John M. Bogaty (A.A.S. DeVry, 1961).
Electrical systems, ATLAS operation and development.

* Benny E. Clift (A.S.E.E., DeVry, 1959).
Electrical systems, ATLAS operation and development.

*Special Term Appointee.

- * Joseph Falout (B.S.M.E. University of Illinois, 1970).
Experimental equipment design.

- Joel Fuerst (MSME, Northwestern University, 1990).
Cryogenic development at ATLAS.

- John P. Greene (M.S. DePaul University, 1982).
Target preparation.

- * Ray E. Harden (A.A.S. Milwaukee School of Engineering, 1957).
ATLAS operator

- * Dale J. Henderson (B.S. Elmhurst College, 1951).
Detector development, technical assistance, heavy-ion physics.

- Mark Kedzie
ATLAS experimental equipment development.

- * Raymond B. Kickert
ATLAS experimental equipment maintenance, technical assistance, heavy-ion physics.

- Anthony Levand (BSME, University of Illinois, 1986).
Experimental equipment design at ATLAS.

- * Paul Markovich (B.S. Purdue University, 1972).
Surface chemistry, ATLAS development and operation.

- Thomas P. Mullen (B.S. Marquette University, 1966).
Division ESH/QA engineer.

- Floyd Munson, Jr. (A.A.S. DeVry, 1966, B.S. Lewis University, 1993).
Control system for ATLAS.

- Bruce G. Nardi (A.A.S. Morton Jr. College, 1967; A.A.S. DeVry, 1969).
Electronics design and maintenance.

- Tom O'Connor (M.S. DePaul University, 1995).
Technical assistance, medium-energy physics.

- Deborah Quock (M.S. Rice University, 1985)
Technical assistance, ATLAS control system.

- Sergey Sharamentov (MS, Moscow Engineering Physical Institute, 1976).
Electrical systems, ATLAS operation and development.

- * James R. Specht (A.A.S. DeVry, 1964).
Cryogenics engineer. ATLAS development and operation.

- Philip Strickhorn (B.S. DeVry, 1990).
Electrical and technical assistance with ATLAS operations.

- Richard Vondrasek (B.S. University of Chicago, 1990).
ATLAS operator.

* Special Term Appointee

Philip R. Wilt (Johnstown Technical School, 1973).
Electronics design and maintenance.

Bruce J. Zabransky (M.S. University of Illinois, Chicago, 1973).
Mechanical Engineer.

Gary P. Zinkann (B.S. DeVry, 1975).
ATLAS operations supervisor.

ADMINISTRATIVE STAFF

- * Allan Bernstein, M.B.A., Rosary College, 1986
- * James E. Nelson, B.A., University of Illinois, 1975
- † Karen J. Thayer

VISITORS AND STUDENTS

Long-Term Visitors (at Argonne more than 4 months)

Vladislav Asseev (from Institute for Nuclear Research of Russian Academy of Sciences, Russia)
Accelerator development.
(October 2003--)

Bertram Blank (from University of Bordeaux, France):
Research at ATLAS
(August 2002--July 2003)

Philip Caligiuri (from University of Chicago, Chicago, IL):
Research at ATLAS.
(April 2003--)

Partha Chowdhury (from University of Massachusetts, Lowell, MA):
Research at ATLAS.
(October 2003 --)

Jason Clark (from University of Manitoba, Canada):
Heavy-ion research at ATLAS.
(May 1999-)

Moulay El Alaoui Ahmed (from Laboratory for Theoretical Physics, Morocco):
Medium-energy physics.
(February 2001--)

Sean Freeman (from University of Manchester, U.K.):
Research at ATLAS.
(October 2002--August 2003)

Larbi Hamri (from Mohammed V University, Morocco):
Theoretical physics studies.
(January 2003--)

* Assistant Director of the Physics Division.

† Special Term Appointee.

Burt Holzman (from University of Chicago, Chicago, IL):
Heavy-ion research at ATLAS.
(October 2001--)

William Karstens (from Saint Michaels College, Burlington, VT):
Theoretical physics studies.
(July 2003--)

Andreas Krassnigg (from University of Graz, Austria):
Theoretical physics studies.
(January 2003--)

Walter Kutschera (from University of Vienna, Austria):
Research at ATLAS.
(August 2002--)

Ioana Mihaila (from Coastal Carolina University, Conway, SC):
Theoretical physics studies.
(November 2001--December 2002)

Peter Mueller (from Johannes Gutenberg University, Mainz, Germany):
Medium-energy physics.
(November 2001--July 2003)

Iouri Sanjiev (from St. Petersburg Nuclear Physics Institute, Gatchina, Leningrad, Russia):
Medium energy studies.
(November 2000--)

Stefan W. Schramm (from University of Frankfurt, Germany):
Theoretical physics studies.
(November 2001--June 2003)

Jason Shergur (from University of Maryland, College Park, MD):
Research at ATLAS.
(January 2002--)

* Eugene Shiles (from University of Vermont, Burlington, VT):
Theoretical physics studies.
(August 2002)

* David Smith (from University of Vermont, Burlington, VT):
Theoretical physics studies.
(February 2002--)

Jicheng Wang (from University of Manitoba, Canada):
Heavy-ion research at ATLAS.
(January 2001--)

Andreas Woehr (from University of Maryland, College Park, MD):
Heavy-ion research at ATLAS.
(January 2001--January 2003)

*Guest Faculty Research Participant.

Short-Term Visitors (at ANL for less than 4 months at a time)

- * Nour-eddi Berrah (from Western Michigan University, Kalamazoo, MI):
Atomic physics research.
(October 1991--)

- Thomas Dombek (from University of Chicago, Chicago, IL):
Heavy-ion research.
(January 2000--)

- * Christopher Fasano (from Monmouth College, Monmouth, IL):
Theoretical studies.
(February 1999--)

- Michael Froese (from University of Manitoba, Canada):
Heavy-ion research at ATLAS.
(May 2001--)

- David J. Hofman (from University of Illinois, Chicago, IL):
Heavy-ion research at ATLAS.
(September 2000--)

- * Michael Kroupa (from Monmouth College, Monmouth, IL):
Theoretical physics studies.
(July 2002--)

- * Donald McLeod (from University of Illinois, Chicago, IL):
Heavy-ion research at ATLAS.
(June 1994--)

- Rachid Nouicer (from University of Chicago, Chicago, IL):
Heavy-ion research at ATLAS.
(April 1998--)

- Yong Seok Oh (from Seoul National University, Korea):
Theoretical physics studies.
(January--March 2003)

- Allan Wuosmaa (from Western Michigan University, Kalamazoo, MI):
Research at ATLAS.
(May--August 2003)

- Zigeng Yin (from Northwestern University, Evanston, IL):
Research at ATLAS.
(June--September 2003)

Resident Graduate Students

- Issam Qattan (from Northwestern University, Evanston, IL):
Medium-energy physics.
(August 2001--)

- Peter Simko (from Illinois Institute of Technology, Chicago, IL):
Computer operations.
(October 2003--)

* Guest Faculty Research Participant.

Guest Graduate Students

Khalefeh Abu Saleem (from Illinois Institute of Technology, Chicago, IL):
Heavy-ion research at ATLAS.
(June 1999--January 2003)

Xu Du (from Northwestern University, Evanston, IL):
Medium-energy physics.
(June 1999--July 2003)

Lamiaa El Fassi (from Mohammed V University, Rabat, Morocco):
Medium-energy physics.
(September 2003--)

Andrew Geraci (from University of Chicago, Chicago, IL):
Accelerator development.
(December 1999-)

Nathan Hoteling (from University of Maryland, College Park, MD):
Research at ATLAS.
February 2003--)

Louis Jisonna (from Northwestern University, Evanston, IL):
Heavy-ion research at ATLAS.
(June 2000--)

Issam Qattan (from Northwestern University, Evanston, IL):
Medium-energy physics studies.
(September 2001--)

Li-Bang Wang (from University of Illinois, Urbana, IL):
Medium-energy studies.
(September 2001--)

Yu Yan Wang (from University of Manitoba, Canada):
Research at ATLAS.
(September 2003--)

Undergraduate Students

Laura Blomley (University of Manitoba)
Scott Batchelor (Morehouse College)
Ryan Beams (Wheaton College)
Ryan Blinstrup (Western Illinois University)
Robyn Brewer (DeVry University)
Robert Carrier (St. Xavier University)
Ryan Enshiwat (University of Manitoba)
Scott Gerbick (Purdue University-Calumet)
Andrew Giagnacova (Lincoln University)
William Grimes (Monmouth College)
Sara Hicks (Florida State University-Tallahassee)
Alan Hoffman (University of Chicago)
Aaron Jackson (Morehouse College)
Michael King (Purdue University)
Brian Krejca (University of Massachusetts)

Jeffrey Lechter (Kalamazoo College)
Derek Mackey (McGill University)
Grzegorz Matlag (William Rainey Harper College)
Benjamin Mitchell (North Central College)
Chad Muir (University of Illinois-Urbana)
Janelle Neubauer (North Central College)
Daniel Peng (Princeton University)
Arthur Reynolds (Norfolk State University)
Peter Probst (University of Illinois-Chicago)
Barbara Truett (Purdue University, Calumet)
Onome Ugbeme (University of New Orleans)

