

Message from the Chair

Welcome to the 2001/2002 academic year! We have a number of new faces to introduce, and a number of not so new faces with new responsibilities.

- We have the largest incoming graduate class in several years! (see other side) They come with impressive credentials, and I am delighted to welcome them.
- In the last newsletter we reported that Dr. **Clark McGrew** is joining us this fall as an Assistant Professor working with Prof. Jung's group on neutrino physics. Since then we have added two more Assistant Professors: Dr. **Thomas Weinacht** accepted our offer, and will join us next year after a postdoctoral appointment at the University of Colorado. His specialty is quantum control using ultrafast lasers. He is also this year's recipient of the APS Division of Atomic, Molecular, and Optical Physics (DAMOP) thesis prize. Dr. **Concha Gonzales-Garcia** will also join us as a member of the YITP after a stay at CERN. Her specialty is neutrino theory. She will visit for several weeks this fall. Including these new appointments, we have made 11 tenure track appointments over the last four years in the department and the YITP combined.
- Three senior physicists from Brookhaven have also joined us recently:
 Dr. **Alexei Tselik**, a condensed matter theorist and Dr. **Steve Dierker**, a condensed matter experimentalist were named Adjunct Professor. Dierker is also Chair of the National Synchrotron Light Source.
 Dr. **Louis Di Mauro** was named Visiting Professor. He specializes in ultrafast laser science.

- The C. N. Yang Institute of Theoretical Physics (YITP) has a new director: Prof. **George Sterman** accepted the position on August 1. In his announcement of the appointment, Provost McGrath praised the accomplishments of the previous director, Prof. **Peter van Nieuwenhuizen**.
- Prof. **Philip Allen** became Director of the Undergraduate Program after graduation in May. He replaced Prof. **Peter Kahn** who served in this position for 5 years with energy and dedication.
- We are happy to announce that effective September 2001, **Luis Orozco** has been promoted to the rank of Professor. He has been working on francium spectroscopy and quantum optics.
- Prof. **Jacobus Verbaarschot** was selected to be the first recipient of the Simons Research Fellowship. This appointment, supported by an endowment by **Jim Simons**, former chair of the Mathematics Department and currently President of Renaissance Technologies, provides a semester free of teaching, and \$15,000 in support of activities to foster excellence at the interface of mathematics and physics.
- Prof. **Michael Marx** was appointed Project Director of the KOPIO experiment. He will be on leave at Brookhaven National Laboratory, where this experimental program is to be mounted at the venerable Alternating Gradient Synchrotron. The experiment is designed to be a particularly clean and sensitive test of CP violation by measuring the very rare neutral K decay to a neutral pion and a neutrino antineutrino pair.

Prof. Marburger named Presidential Science Advisor!

Prof. John H. Marburger III, former President of the University and currently Director of Brookhaven National Lab, is President George W. Bush's choice for Science Advisor. He has been a member of our department since 1980. Although during much of this time he served in high administrative roles, his interest in optics and laser science remains strong. The Science Advisor is one of a dozen-or-so senior policy makers in the White House, and is also director of the Office of Science and Technology Policy, a position that requires Senate confirmation.

When Jack took over leadership of Brookhaven it was routinely described as a "troubled" laboratory, with a poor environmental record and worse community relations. The management team, Associated Universities Inc., had been fired by the Secretary of Energy, and morale at the Lab was low. Jack was able to turn around the situation in a spectacular way. This year the Lab received an international award for outstanding community relations, and there has been a string of scientific successes to be proud of.

Former Department Chair Peter Paul has been working with Jack throughout as Deputy Director of BNL for Science and Technology. Although he had planned to return to the department this fall, he will stay on in his current position during the coming year to provide continuity in the management of the Laboratory.

Fall 2001 Entering Class

Naureen Ahsan	Bangladesh	University of Dhaka
David Ananikian	Russia	St. Petersburg State University
Cosmin-Ioan Blaga	Romania	Babes-Boylai University
Andre Butz	Germany	Universitaet Wuerzburg
David Cardoza	US	University of California @ Riverside
Jorge Casallerrey	Spain	Univ de Santiago de Compostela
Xiangyun Chang	China	Tsinghua University
Ilektra Christidi	Greece	Aristotle University of Thessaloniki
James Cook	US	NC State at Raleigh
Benjamin Dietzek	Germany	Universitaet Wuerzburg
Jennifer Doebbler	US	University of Texas @ Austin
Matthew Eardley	US	University of California at Berkeley
Marc-Thomas Eisele	Germany	University of Stuttgart
Haidong Feng	China	Hong Kong Univof Sci. & Tech.
Lucas Finco	US	University Wisconsin @ Madison
Holger Fleckenstein	Germany	Universitaet Wuerzburg
Thomas Gloor	Liechtenstein	University of Oxford
Haijiang Gong	China	USTC, Hefei
Tapomoy Guha Sarkar	India	IIT Kanpur
Julia Gilman	Russia	MIPT
Jae-Hyuk Her	Korea	Pohang University of Sci. and Tech.
Benjamin Hornberger	Germany	Universitaet Wuerzburg
Tokufumi Kato	Japan	Stony Brook University
Daniel Kerr	US	SUNY Albany
Amina Kinkhabwala	US	Columbia University
Kathryn Krycka	US	University of Massachusetts @ Lowell
Manuela Kulaxizi	Greece	University of Athens
Jung Hoon Lee	Korea	Yonsei University
Kiyoung Lee	Korea	Seoul National University
Seung-Hyun Lee	Korea	Seoul National University
Susan Metz	US	Stony Brook University
Enrique Moreno-Mendez	Mexico	UNAM
Su-Jung Park	Germany	University of Bonn
Ryan Requist	US	University of North Dakota at Grand Forks
Riccardo Ricci	Italy	Universita' di Pavia
Dustin Schones	US	Boston College
Anne Marie Sickles	US	Gonzaga University
Aleksander Sobczyk	Poland	Jagiellonian University
Antonina Toropova	Russia	Moscow State University
Christian Traeger	Germany	Ruprecht-Karls Universitat, Heidelberg
Tatjana Vavilkin	Germany	University of Bonn
Dmitri Volia	Russia	St. Petersburg State Univerrsty
Gang Wang	China	Peking University
Jing Wang	China	USTC, Hefei
Zhenguo Wang	China	Fudan University
Quan Wen	China	Fudan University
Zhiguang Xiao	China	Fudan University

Department Colloquium Schedule—September, 2001

Sept. 4.	Janos Kirz/Jack Marburger . . .	Chair's Colloquium: Chair's Introduction and Accelerator Initiatives at BNL
Sept. 11. . . .	Alexei Tsvelik/BNL	Quasi-1D Physics
Sept. 18 . . .	ROSH HASHANAH	
Sept. 25 . . .	Jacqueline Van Gorkom	Clusters of Galaxies Columbia