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19. ABSTRACT (Continue on reverse if necessary and identify by block number) The Fourth Gordon Research Conference on Multiphoton Processes was held at Colby-Sawyer College, New London, New Hampshire during the week of 13-17 June 1988. The program of the Conference consisted of 21 invited talks and 64 contributed poster papers.					
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FINAL REPORT OF
THE GORDON RESEARCH CONFERENCE ON MULTIPHOTON PROCESSES
COLBY-SAWYER COLLEGE, NEW LONDON, NEW HAMPSHIRE
13-17 JUNE 1988
Grant Number AFOSR-88-0201

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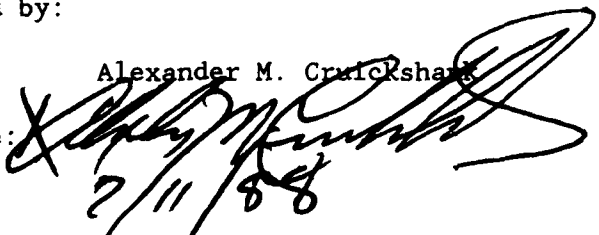
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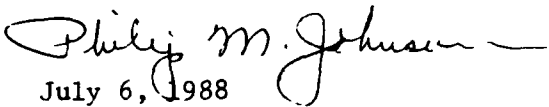
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community and to the supplemental funding that the Conference has received from the National Science Foundation and from the Air Force Office of Scientific Research, as well as some contributions from the laser industry (Lambda Physik and Spectra Physics). A complete list of attendees is appended.

The next Conference in this series will be held in 1990. The Chairperson will be Professor Peter Lambropoulos of the Department of Physics, University of Southern California, and the vice-chairman will be Professor Tomas Baer of the Department of Chemistry, University of North Carolina. This pairing continues the tradition of having both physics and chemistry represented in the officers to provide a balanced program.

The Conference budget of \$23,200 (\$10,200 from the Gordon Research Conferences, \$6,000 from the Air Force Office of Scientific Research, \$5,000 from the National Science Foundation, and \$1000 each from Lambda Physik and Spectra Physics) was distributed in the following manner. The Conference registration fee, which included room and board for the week, was paid for all 27 Invited Speakers and Discussion Leaders. Partial travel support was granted to the Chairperson (who was also a Discussion Leader) and to the 16 of the Invited Speakers and Discussion Leaders; these disbursements amounted to \$14,640 or 63% of the total budget. The Conference registration fee was also partially paid for 12 graduate students; these disbursements amounted to \$2840, 12% of the total budget. Finally, partial travel and lodging support was given to 16 other attendees, 5 of whom were from Europe; these disbursements amounted to \$5,710 or 25% of the total budget. In summary, 55 attendees received partial support to attend the Conference, with a significant fraction of the budget used to support graduate students, postdoctoral appointees, and young scientists from the U.S. and abroad.

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MULTIPHOTON PROCESSES
June 13, 1988

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