SIAM Council
July 13, 2000

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SIAM Board of Trustees
Regular Session
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Renewal of Charter for SIAM Activity Group on Dynamical Systems

In 1988, the council and board authorized the formation of a SIAM Activity Group on Dynamical Systems (SIAG/DS) to begin activities in January 1989.

According to the Rules of Procedure for the SIAM Activity Group on Dynamical Systems (which differs from the others per approval of the council and board), each period of activity for the SIAG shall be two years, and each such period must be renewed by the council and the board. The charter for the SIAG/DS has been renewed four times, the most recent renewal for a two-year period ending October 31, 2001.

In order to provide sufficient time for a nominating committee to be organized and a ballot to be prepared and distributed by July 2001 as stated in the rules of procedure, the council (board of trustees) is being asked at this time to approve the renewal of the charter for the SIAG/DS.

A justification for the renewal of the SIAG/DS charter was prepared by Martin Golubitsky, chair of the SIAG, and is attached. The following resolution is proposed:

> That the SIAM Council (Board of Trustees) approve the renewal of the charter of the SIAM Activity Group on Dynamical Systems to conduct its activities for a two-year period beginning November , 2001 and ending October 31, 2003.

Allison Bogardo
June 28, 2000

Attachment

SIAM DYNAMICAL SYSTEMS ACTIVITY GROUP
Pro Forma Charter Renewal Application
Period: November 1, 2001 — October 31, 2003

This CHARTER RENEWAL APPLICATION (hereinafter called "RENEWAL") applies to the SIAM Activity Group on *Dynamical Systems*. The SIAM Activity Group (hereinafter called "SIAG") to which this RENEWAL applies was originally formed under the aegis of the Society for Industrial and Applied Mathematics (hereinafter called "SIAM") on December 2, 1988 by the SIAM Council and December 3, 1988 by the SIAM Board of Trustees with its initial operating period beginning January 1, 1989 and ending December 31, 1991. Its charter has been renewed by the council and board four times thereafter. This SIAG has 560 members as of May 10, 2000.

According to its Rules of Procedure, the objectives of the SIAG are:

> to bring together researchers working on a variety of problems in dynamical systems and to give them contact with people of similar interests, but often different backgrounds. By the establishment of this SIAG, cross-disciplinary interactions will be catalyzed among workers with interests in dynamics ranging from fundamental properties of dynamical systems to the development of software for use in the study of dynamics to applications to disciplines such as physics, chemistry, and engineering. Also the SIAG will foster interactions between the academic community working in dynamics and workers in industrial and government settings.

Its proposed functions are:

> to organize activities, including conferences at various times and locations, sessions and minisymposia at SIAM meetings, workshops, and educational forums to (1) promote interaction among applied mathematicians, engineers, physical and biological scientists, and others interested in the development of dynamical systems, (2) keep the SIAM membership up-to-date on progress in dynamical systems, and (3) facilitate the further development of methods, software, and applications in dynamical systems.

SIAG elections were held in October, 1999. The current SIAG officers are:

Chair:	Martin Golubitsky, University of Houston
Vice Chair:	Tim Sauer, George Mason University
Program Director:	Eric Kostelich, Arizona State University
Secretary/Treasurer:	Charles Doering, University of Michigan

Members of the current elected Advisory Board are:

John Mallet-Paret	Brown University
Ed Ott	University of Maryland
Emily Stone	Utah State University
Harry Swinney	University of Texas at Austin
David Terman	Ohio State University

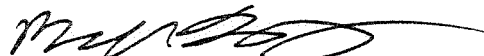The next SIAG elections will be held in October, 2001.

The SIAG has complemented SIAM's activities and supported its proposed functions and it has continued to foster activities and interaction between members of this group and the dynamical systems community in general, in the following ways:

1. The SIAG has organized the successful biennial conference — now known as the *Snowbird* Conference — which routinely attracts between 450 and 500 attendees. The last meeting was in May 1999 and the next one is scheduled for May 20-24, 2001. Eric Kostelich is the principal organizer.

2. The SIAG is helping to sponsor the SIAM Pacific Rim Conference scheduled in Maui, Hawaii for August 9-13, 2000. One of the principal organizers is the former SIAG Vice Chair Konstantin Mischaikow. This conference will successfully provide a meeting place for American and Pacific Rim researchers. There are eight plenary speakers, 56 mini-symposia, and about 90 poster submissions. The conference should have over 300 attendees.

3. The SIAG is organizing two prizes to be awarded biennially at the Snowbird Meeting: The Moser Lecture and the J.D. Crawford Prize.

4. Under the direction of Vice Chair Tim Sauer, the SIAG has established a webpage to complement its newsletter. This website may be found by clicking through the SIAM website or going directly to:

   http://math.gmu.edu/html/ds/

   Meetings of interest to the dynamical systems community are listed here — as are archived newsletters. Newsletters are sent to SIAG members electronically.

This SIAG requests that the SIAM Council and Board of Trustees renew its charter for a two-year operating period beginning November 1, 2001.

Martin Golubitsky, Chair
May 15, 2000