

# トポロジー・ニュース

1986年3月号

- IMU の プレコンファレンス
  1. Algebraic Topology at Humboldt State Univ.
  2. Low Dimensional Manifolds at Santa Barbara
- プレプリント



## CONFERENCE ON ALGEBRAIC TOPOLOGY

IN HONOR OF THE 25<sup>th</sup> ANNIVERSARY  
OF THE FOUNDING OF THE JOURNAL TOPOLOGY  
PARTICULAR AREAS OF EMPHASIS WILL  
INCLUDE HOMOTOPY THEORY, K-THEORY, AND  
SURGERY THEORY.

JULY 28 - AUGUST 2, 1986  
(THE WEEK IMMEDIATELY PRECEDING  
THE BERKELEY I. C. M.)

HUMBOLDT STATE UNIVERSITY  
ARCATA, CALIFORNIA

FOR FURTHER INFORMATION, PLEASE WRITE TO:

BILL ISRAEL  
JOLLY GIANT CONFERENCE CENTER  
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U.S.A.

ORGANIZING COMMITTEE: G. CARLSSON, UNIVERSITY OF CALIFORNIA, SAN DIEGO  
R. COHEN, STANFORD UNIVERSITY  
H. MILLER, UNIVERSITY OF WASHINGTON  
D. RAVENEL, UNIVERSITY OF WASHINGTON

# LOW DIMENSIONAL GEOMETRY AND TOPOLOGY OF MANIFOLDS

UNIVERSITY OF CALIFORNIA AT SANTA BARBARA  
JUNE 15 THROUGH SEPTEMBER 15, 1986

CONFERENCE ON LOW DIMENSIONAL MANIFOLDS

~~JULY 21 - 25, 1986~~

7/28 ~ 8/1

The Department of Mathematics invites colleagues interested in questions concerning geometric and topological structures associated to low dimensional manifolds to join in the creation of an informal working group devoted to such topics as *knot theory, combinatorial group theory, the geometry and topology of imbedded or immersed submanifolds, foliations in low dimensions, minimal surfaces, mapping class groups, representations of surface and 3-manifold groups, etc.* during the summer of 1986. The objective is to sponsor tea/coffee hours and organize working seminars focused upon the issues that seem timely and represent the interests of the participants. Subject to the availability of space, the Mathematics Department will try to provide offices for the participants and visiting researcher appointments for those who will be in residence for more than a couple of weeks. This would allow for the usual library privileges and use of the Mathematics Department's microcomputer facilities. Furthermore, the organizers will assist participants who provide an early indication of participation in finding suitable housing during their visit. In keeping with the informal nature of the "Southern California" tradition for such occasions, it is not anticipated that there will be funds to provide for the living or travel expenses of the participants. The organizers will provide formal invitations to those who require them in order to seek support from other sources. There will be a one week break in activities for the International Congress of Mathematics, which will be held in Berkeley, California from August 3-11, 1986. Two weeks prior to the ICM there will be a more formal conference devoted to research in these areas as a "warm-up" for the ICM.

For further information, comments, suggestions, etc. please contact one (or all) of the following;

- Kenneth Millett (805)961-3894
- Doug Moore (805)961-3688
- Martin Scharlemann (805)961-4101

at Department of Mathematics  
University of California, Santa Barbara  
Santa Barbara, California 93106

3.

PREPRINTS

- [1] Abstracts from workshop on four-manifolds and geometry, May 20-25, 1985, MSRI, Berkeley, 27pp.
- [2] Tromba, A. J.: On a natural affine connection on the space of almost complex structures and the curvature of Teichmuller space with respect to its Weil-Peterson metric, 27pp.
- [3] Tromba, A. J.: Global Analysis and Teichmuller space, 32pp.
- [4] Taubes, C. H.: Gauge theory on asymptotically periodic 4-manifolds, 87pp.

(以上 松本 堯生氏)

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今回より トポロジーニュースの担当となりました。  
加藤先生より引き継いで間もないこともあって記事が少く  
申し訳ありません。このニュースへの記事また御意見など  
ありましたら お知らせ頂ければ幸いです。宜しくお願  
い致します。

矢野

トポロジーニュース連絡先

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