

73年11月 1日創刊

中央研究院週報

中研院總辦事處秘書組編印
80年 7月 4日 第339期

學術討論會



●統計科學研究所●

時間：7月8日(星期一)上午10:30

地點：本所308室

講員：蔡偉彥教授

(美國Columbia大學生物統計系)

講題：A Nonparametric Analysis of Transmission Rate of Human Immunodeficiency Virus from Mother to Infant

●民族學研究所●

時間：7月8日(星期一)下午 2:30

地點：本所第二會議室

講員：吳乃德先生(本所助研究員)

講題：解僱工會幹部：現行勞資關係法制的理論和實際

●化學研究所●

時間：7月8日(星期一)下午 3:30

地點：本所會議室

講員：江隆永博士

講題：Synthetic Chemistry Towards Designing New Organic Solid State Materials

●分子生物研究所籌備處●

時間：7月9日(星期二)上午11:00

地點：本處演講廳

講員：涂振北教授

(The Pennsylvania State Univ.)

講題：Glutathione S-Transferases: Structure, Function and Gene Expression

●經濟研究所●

時間：7月9日(星期二)下午 2:30

地點：本所討論室

講員：李誠教授(Mankato State Univ.)

講題：Is There a Bona Fide Labor Movement in Taiwan: An Economic Analysis of Trade Unions in Taiwan

●植物研究所●

時間：7月10日(星期三)下午 3:00

地點：本所會議室

講員：常玉強先生

(Univ. Munich, Germany)

講題：Introduction of the Transposable Element Activator into Tomatoes as a Strategy to Tag a Gene for Tomato Mosaic Virus Resistance

第一屆國際原子分子動力學研討會

原子與分子科學研究所籌備處訂於七月五日至八日(星期五~一)，邀集國內外學者專家一百五十人，假本院學術活動中心舉辦「第一屆國際原子分子動力學研討會」，其議程如下：

七月五日(星期五)

8:50 Chairman: Chau-Ting Chang

Yuan T. Lee(USA): Dynamic Resonances in $D + H_2 \rightarrow DH(V'J') + H$ Reaction

9:25 Chairman: Kwong-Tin Tang

Udo Buck(Germany): Infrared Photodissociation of Size Selected Molecular Clusters

10:25 Chairman: Keh-Ning Huang

Francois J. Wuilleumier(France): Present Status of Atomic Photoionization Studies using Synchrotron Radiation

Alfred S. Schlachter(USA): The Advanced Light Source

11:25 Chairman: Wen-Bih Tzeng

Cheuk-Yiu Ng(USA): State-Selected and State-to-State Ion-Molecule Reaction Dynamics by Photoionization Methods

Albert Welford Castleman, Jr.(USA): Clusters: Dynamics of Ionization and Dissociation

- 14:00 Chairman: Tu-Nan Chang
Walter R. Johnson(USA): All-orders Many-Body Theory for Cesium with Applications to Atomic Parity Nonconservation
- 14:55 Tai-Sone Yih(ROC): Study of Laser Induced Emissions in Sodium Vapor
Keh-Ning Huang(ROC): Theoretical Studies of Atomic Dynamics at IAMS
- 15:55 Chairman: Hsiang-Kuang Tseng
Tu-Nan Chang(USA): A Configuration-Interaction Treatment of Highly Correlated Continuum Spectrum of Divalent Atoms
Kwong T. Chung(USA): High Precision Calculations on the Ionization Potentials of Several Electron Systems
Chii-Dong Lin(USA): A Unified Perspective of Atomic and Molecular Three-Body Problems
- 17:10 Poster Session A

七月六日(星期六)

- 9:00 Chairman: Chau-Chung Han
Franco A. Gianturco(Italy): Elementary Processes in the Dynamics of Ion-Molecule Low-Energy Collisions
- 9:55 Alan Gallagher(USA): Atomic Energy Transfer in Atom Traps
King-Chuen Lin(ROC): Collision Dynamics of Metal Atoms with H₂ Molecule
- 11:00 Chairman: Tzu-Min-Su
Klaas Bergmann(Germany): Population Transfer in Atoms and Molecules: A New Concept
Jian-Min Yuan(USA): Simplest Chemical Reaction: Stimulated Molecular Recombination and Chaotic Atomic Scattering
Kuo-Mei Chen(ROC): Chemiluminescent Reactions of Laser-Generated Metal Atoms and Oxidants
- 14:00 Chairman: Yen-Chu Hsu
Shih-I Chu(USA): Recent Theoretical Developments for Nonperturbative Treatments of Atomic and Molecular Processes in Strong Fields
- 14:55 Ingolf Volker Hertel(Germany): Ionization and Fragmentation of Molecular Clusters Studied with Lasers, Synchrotron Radiation, and Collisions
Shen-Maw Lin(ROC): UV Photodissociation Processes of DMDS and DMS
- 15:55 Chairman: Kuo-Mei Chen
Tzu-Min Su(ROC): Photoionization Studies of Some Potassium-Containing Hypermetalated Compounds
Valentine N. Ostrovsky(USSR): Two-Electron Transitions in Non-Resonant Charge Transfer and Related Processes
- 16:45 Poster Session B

七月八日(星期一)(地點: 原分所籌備處)

- 9:00 Chairman: Shen-Maw Lin
Zdenek Herman(Czechoslovakia): Ion-Molecule Collision Dynamics: Charge Transfer and Chemical Reactions
- 9:55 Hai-Lung Dai(USA): Van der Waals Complexes: A New Tool for Studying Molecular Collisions
Gerardo Delgado-Barrio(Spain): Dynamics in van der Waals Molecules
- 11:00 Chairman: Jenn-Tai Hwang
Robert O. Watts(USA): Vibrational Frequency Shifts in van der Waals Clusters
Antonio J. C. Varandas(Portugal): Realistic Molecular Potential Energy Surfaces, the Role of Long Range Forces, and the Double Many-Body Expansion
Kwong-Tin Tang(USA): Exchange Energy and Exchange Processes
- 12:15 Closing Remarks: Yuan T. Lee(USA)