

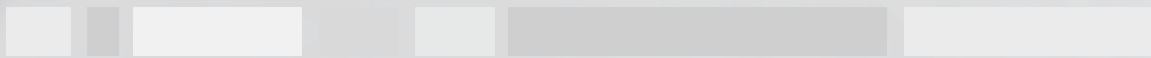
Conference Guide

Danny Z. Chen • D. T. Lee (Eds.)

**The Twelfth Annual International Computing
and Combinatorics Conference**

COCOON 2006

Taipei, Taiwan, August 15-18, 2006



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COCOON'06 Conference Organization

COCOON 2006 was organized by the Institute of Information Science, Academia Sinica, Taipei, Taiwan. It was sponsored by National Science Council and Academia Sinica.

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D. T. Lee (Academia Sinica, Taiwan)

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Tsan-sheng Hsu (Academia Sinica, Taiwan)
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Chris Tseng (Academia Sinica, Taiwan)
Da-Wei Wang (Academia Sinica, Taiwan)
Chiou-Feng Wang (Academia Sinica, Taiwan)

Preface

The papers in this volume were selected for presentation at the 12th Annual International Computing and Combinatorics Conference (COCOON 2006), held on August 15-18, 2006 in Taipei, Taiwan. Previous meetings of this conference were held in Xi'an (1995), Hong Kong (1996), Shanghai (1997), Taipei (1998), Tokyo (1999), Sydney (2000), Guilin (2001), Singapore (2002), Big Sky (2003), Jeju Island (2004), and Kunming (2005). In response to the Call-for-Papers, 137 extended abstracts were submitted from 27 countries and regions, of which 52 were accepted (including a merged paper from two extended abstracts). The submitted papers were from Argentina (1), Australia (2), Bangladesh (1), Brazil (1), Canada (7), China (23), Germany (3), Denmark (1), France (2), UK (4), Greece (1), Hong Kong (1), Israel (4), India (11), Italy (1), Japan (12), North Korea (1), South Korea (23), Lebanon (1), Latvia (1), The Netherlands (2), Russian Federation (1), Sweden (2), Singapore (1), Taiwan (17), Ukraine (1), and USA (12).

The papers were evaluated by an international Program Committee consisting of Alberto Apostolico, Tetsuo Asano, Jin-Yi Cai, Amitabh Chaudhary, Bernard Chazelle, Danny Z. Chen, Siu-Wing Cheng, Francis Chin, Kyung-Yong Chwa, Peter Eades, Sandor Fekete, Rudolf Fleischer, Mordecai Golin, Michael Goodrich, Xiaodong Hu, Oscar H. Ibarra, Hiroshi Imai, Ming-Yang Kao, Naoki Katoh, Rolf Klein, Ming-Tat Ko, D. T. Lee, Chi-Jen Lu, Shuang Luan, Joseph S.B. Mitchell, Bernard Moret, Rajeev Motwani, David Mount, Kunsoo Park, Frank Ruskey, Michiel Smid, Chuan Yi Tang, Takeshi Tokuyama, Vijay V. Vazirani, Jie Wang, Lusheng Wang, Peter Widmayer, Xiaodong Wu, Jinhui Xu, Yinfeng Xu, Louxin Zhang, and Hong Zhu. Each paper was evaluated by at least three Program Committee members, with possible assistance of the external referees, as indicated by the referee list found in these proceedings. There were more acceptable papers than there was space available in the conference schedule, and the Program Committee's task was very difficult. In addition to the selected papers, the conference also included two invited presentations by Franco P. Preparata and Mikhail J. Atallah.

We thank all Program Committee members and the external referees for their excellent work, especially given the demanding time constraints. It was a wonderful experience to work with them. We also thank the two invited speakers and all the people who submitted papers for consideration: They all contributed to the high quality of the conference.

Finally, we thank all local organizers, colleagues, and the system team of the Institute of Information Science who worked tirelessly to put in place the logistical arrangements of the conference and to create and maintain the web system of the conference. It was their hard work that made the conference possible and enjoyable.

Danny Z. Chen and D. T. Lee
August 2006

Technical Program of COCOON 2006

August 15, Tuesday

19:00 – 21:00 Reception

August 16, Wednesday

8:15 – 8:45 Registration

8:50 – 9:00 Opening of COCOON'06
D. T. Lee

9:00 – 10:00 **Invited Talk** (Moderator: D. T. Lee)
The Unpredictable Deviousness of Models
Franco P. Preparata (Brown University, USA)

10:00 – 10:20 Break

Session **A**

Place: Auditorium 106 at new IIS Building

Presentation file upload Please approach your session chair and upload your presentation files before your session begins.

10:20 – 12:00 **Computational Economics, Finance, and Management**

Session Chair: Ming-Yang Kao

A Simplicial Approach for Discrete Fixed Point Theorems

Xi Chen (Tsinghua University, China)

Xiaotie Deng (City University of Hong Kong)

On Incentive Compatible Competitive Selection Protocol

Xi Chen (Tsinghua University, China)

Xiaotie Deng (City University of Hong Kong)

Becky Jie Liu (City University of Hong Kong)

Edge Pricing of Multicommodity Networks for Selfish Users with Elastic Demands

George Karakostas (McMaster University)

Stavros G. Kolliopoulos (University of Athens)

Aggregating Strategy for Online Auctions

Shigeaki Harada (NTT Service Integration Laboratories)

Eiji Takimoto (Tohoku University)

Akira Maruoka (Tohoku University)

12:00 – 13:30 Lunch

Session**B**

Place: Auditorium 101 at new IIS Building

Presentation file upload Please approach your session chair and upload your presentation files before your session begins.**10:20 – 12:00****Graph Algorithms and Applications**

Session Chair: Tsan-sheng Hsu

Enumerate and Expand: New Runtime Bounds for Vertex Cover Variants

*Daniel Mölle (RWTH Aachen University)**Stefan Richter (RWTH Aachen University)**Peter Rossmanith (RWTH Aachen University)*

A Detachment Algorithm for Inferring a Graph from Path Frequency

*Hiroshi Nagamochi (Kyoto University)*The d -Identifying Codes Problem for Vertex Identification in Graphs:
Probabilistic Analysis and an Approximation Algorithm*Ying Xiao (Packet Design Inc.)**Christoforos Hadjicostis (University of Illinois at Urbana-Champaign)**Krishnaiyan Thulasiraman (University of Oklahoma)*Reconstructing Evolution of Natural Languages: Complexity and
Parameterized Algorithms*Iyad A. Kanj (DePaul University)**Luay Nakhleh (Rice University)**Ge Xia (Lafayette College)***12:00 – 13:30**

Lunch

Technical Program of COCOON 2006

Session **A**

August 16, Wednesday

13:30 – 15:10

Graph Algorithms

Session Chair: Siu-Wing Cheng

On Indecomposability Preserving Elimination Sequences

Chandan K. Dubey (Indian Institute of Technology, Kanpur)

Shashank K. Mehta (Indian Institute of Technology, Kanpur)

Improved Algorithms for the Minmax Regret 1-Median Problem

Hung-I Yu (National Tsing Hua University)

Tzu-Chin Lin (National Tsing Hua University)

Biing-Feng Wang (National Tsing Hua University)

Partitioning a Multi-weighted Graph to Connected Subgraphs of Almost Uniform Size

Takehiro Ito (Tohoku University)

Kazuya Goto (Tohoku University)

Xiao Zhou (Tohoku University)

Takao Nishizeki (Tohoku University)

Characterizations and Linear Time Recognition of Helly Circular-Arc Graphs

Min Chih Lin (Universidad de Buenos Aires)

Jayme L. Szwarcfiter (Universidade Federal do Rio de Janeiro)

15:10 – 15:30

Break

Session **B**

August 16, Wednesday

13:30 – 15:10

On-line Algorithms

Session Chair: Rudolf Fleicher

On Dynamic Bin Packing: An Improved Lower Bound and Resource Augmentation Analysis

Wun-Tat Chan (University of Hong Kong)

Prudence W. H. Wong (The University of Liverpool)

Fencol C. C. Yung (University of Hong Kong)

Improved On-line Broadcast Scheduling with Deadlines

Feifeng Zheng (Xi'an JiaoTong University, China)

Stanley P. Y. Fung (University of Leicester)

Wun-Tat Chan (The University of Hong Kong)

Francis Y. L. Chin (The University of Hong Kong)

Chung Keung Poon (City University of Hong Kong)

Prudence W. H. Wong (University of Liverpool)

A Tight Analysis of Most-Requested-First for On-demand Data Broadcast

Regant Y. S. Hung (The University of Hong Kong)

H. F. Ting (The University of Hong Kong)

On Lazy Bin Covering and Packing Problems

Mingen Lin (University at Buffalo, the State University of New York)

Yang Yang (University at Buffalo, the State University of New York)

Jinhui Xu (University at Buffalo, the State University of New York)

15:10 – 15:30

Break

Technical Program of COCOON 2006

Session **A**

August 16, Wednesday

15:30 – 16:45

Computational Complexity and Computability

Session Chair: Da-Wei Wang

Varieties Generated by Certain Models of Reversible Finite Automata

Marats Golovkins (University of Latvia)

Jean-Eric Pin (LIAFA, Universite Paris VII and CNRS)

Iterated TGR Languages: Membership Problem and Effective Closure Properties

Ian McQuillan (University of Saskatchewan)

Kai Salomaa (Queen's University)

Mark Daley (University of Western Ontario)

On the Negation-Limited Circuit Complexity of Sorting and Inverting k -tonic Sequences

Takayuki Sato (Sendai National College of Technology)

Kazuyuki Amano (Gunma University)

Akira Maruoka (Tohoku University)

16:50 – 17:40

Quantum Computing

Session Chair: Naoki Katoh

Robust Quantum Algorithms with ε -Biased Oracles

Tomoya Suzuki (Nara Institute of Science and Technology)

Shigeru Yamashita (Nara Institute of Science and Technology)

Masaki Nakanishi (Nara Institute of Science and Technology)

Katsumasa Watanabe (Nara Institute of Science and Technology)

The Complexity of Black-Box Ring Problems

V. Arvind (Institute of Mathematical Sciences, India)

Bireswar Das (Institute of Mathematical Sciences, India)

Partha Mukhopadhyay (Institute of Mathematical Sciences, India)

Session **B**

August 16, Wednesday

15:30 – 16:45

Graph Theory

Session Chair: Peter Widmayer

Creation and Growth of Components in a Random Hypergraph Process

Vlady Ravelomanana (Universite Paris XIII)

Alphonse Laza Rijamamy (Universite de Madagascar)

Optimal Acyclic Edge Colouring of Grid Like Graphs

Rahul Muthu (The Institute of Mathematical Sciences, India)

N. Narayanan (The Institute of Mathematical Sciences, India)

C. R. Subramanian (The Institute of Mathematical Sciences, India)

An Edge Ordering Problem of Regular Hypergraphs

Hongbing Fan (Wilfrid Laurier University)

Robert Kalbfleisch (Wilfrid Laurier University)

16:50 – 17:40

Algorithms for Security and Systems

Session Chair: Chi-Jen Lu

Efficient Partially Blind Signature Scheme with Provable Security

Zheng Gong (Shanghai Jiaotong University)

Xiangxue Li (Shanghai Jiaotong University)

Kefei Chen (Shanghai Jiaotong University)

A Rigorous Analysis for Set-Up Time Models – A Metric Perspective

Eitan Bachmat (Ben Gurion University)

Tao Kai Lam (EMC Corporation)

Avner Magen (University of Toronto)

Technical Program of COCOON 2006

Session **A**

August 17, Thursday

9:00 – 10:15

Computational Biology and Medicine

Session Chair: Francis Chin

Lower Bounds and Parameterized Approach for Longest Common Subsequence

Xiuzhen Huang (Arkansas State University)

Finding Patterns with Variable Length Gaps or Don't Cares

M. Sohel Rahman (King's College London)

Costas S. Iliopoulos (King's College London)

Inbok Lee (Seoul National University)

Manal Mohamed (King's College London)

William F. Smyth (McMaster University)

The Matrix Orthogonal Decomposition Problem in Intensity-Modulated Radiation Therapy

Xin Dou (The University of Iowa)

Xiaodong Wu (The University of Iowa)

John E. Bayouth (The University of Iowa)

John M. Buatti (The University of Iowa)

10:15 – 19:00

Excursion

19:00

Banquet

Session **B**

August 17, Thursday

9:00 – 10:15

Discrete Geometry and Graph Theory

Session Chair: Jinhui Xu

Geometric Representation of Graphs in Low Dimension

L. Sunil Chandran (Indian Institute of Science)

Naveen Sivadasan (Strand Life Sciences)

The On-Line Heilbronn's Triangle Problem in d Dimensions

Gill Barequet (Technion–Israel Institute of Technology)

Alina Shaikhnet (Technion–Israel Institute of Technology)

Counting d -Dimensional Polycubes and Nonrectangular Planar Polyminoes

Gadi Aleksandrowics (Technion–Israel Institute of Technology)

Gill Barequet (Technion–Israel Institute of Technology)

10:15 – 19:00 Excursion

19:00 Banquet

Technical Program of COCOON 2006

August 18, Friday

- 9:00 – 10:00 **Invited Talk** (Moderator: Danny Z. Chen)
Security Issues in Collaborative Computing
Mikhail J. Atallah (Purdue University, USA)
- 10:00 – 10:20 Break

Session **A**

- 10:20 – 12:00 **Computational Geometry**
Session Chair: Rolf Klein

A Polynomial-time Approximation Algorithm for a Geometric Dispersion Problem

Marc Benkert (Karlsruhe University)

Joachim Gudmundsson (National ICT Australia Ltd.)

Christian Knauer (Freie Universität Berlin)

Esther Moet (Utrecht University)

René van Oostrum (Utrecht University)

Alexander Wolff (Karlsruhe University)

A PTAS for Cutting Out Polygons with Lines

Sergey Bereg (University of Texas at Dallas)

Ovidiu Daescu (University of Texas at Dallas)

Minghui Jiang (Utah State University)

On Unfolding Lattice Polygons/Trees and Diameter-4 Trees

Sheung-Hung Poon (TU Eindhoven)

Restricted Mesh Simplification Using Edge Contractions

Mattias Andersson (Lund University)

Joachim Gudmundsson (National ICT Australia Ltd.)

Christos Levcopoulos (Lund University)

- 12:00 – 13:30 Lunch

Session **B**

10:20 – 12:00

Approximation Algorithms

Session Chair: Peter Bro Miltersen

Approximating Min-Max (regret) Versions of Some Polynomial Problems

Hassene Aissi (University Paris-Dauphine)

Cristina Bazgan (University Paris-Dauphine)

Daniel Vanderpooten (University Paris-Dauphine)

The Class Constrained Bin Packing Problem with Applications to Video-on-Demand

E. C. Xavier (State University of Campinas – Unicamp)

F. K. Miyazawa (State University of Campinas – Unicamp)

MAX-SNP Hardness and Approximation of Selected-Internal Steiner Trees

Sun-Yuan Hsieh (National Cheng Kung University)

Shih-Cheng Yang (National Cheng Kung University)

Minimum Clique Partition Problem with Constrained Weight for Interval Graphs

Jianbo Li (Kunming University of Science and Technology)

Mingxia Chen (Yunnan University)

Jianping Li (Yunnan University)

Weidong Li (Yunnan University)

12:00 – 13:30

Lunch

Technical Program of COCOON 2006

Session **A**

August 18, Friday

13:30 – 14:45

Graph Theory

Session Chair: Ming-Tat Ko

Enumerating Non-Crossing Minimally Rigid Frameworks

David Avis (McGill University)

Naoki Kato (Kyoto University)

Makoto Ohsaki (Kyoto University)

Ileana Streinu (Smith College)

Shin-ichi Tanigawa (Kyoto University)

Sequences Characterizing k -trees

Zvi Lotker (Centrum voor Wiskunde en Informatica)

Debapriyo Majumdar (Max-Planck-Institut für Informatik)

N. S. Narayanaswamy (Indian Institute of Technology Madras)

Ingmar Weber (Max-Planck-Institut für Informatik)

On the Threshold of Having a Linear Treewidth in Random Graphs

Yong Gao (University of British Columbia Okanagan)

14:45 – 15:05

Break

15:05 – 16:20

Computational Biology

Session Chair: Louxin Zhang

Reconciling Gene Trees with Apparent Polytomies

Wen-Chieh Chang (Iowa State University)

Oliver Eulenstein (Iowa State University)

Lower Bounds on the Approximation of the Exemplar Conserved Interval Distance Problem of Genomes

Zhixiang Chen (University of Texas-Pan American)

Richard H. Fowler (University of Texas-Pan American)

Bin Fu (University of New Orleans)

Binhai Zhu (Montana State University)

Computing Maximum-Scoring Segments in Almost Linear Time

Fredrik Bengtsson (Luleå University of Technology)

Jingsen Chen (Luleå University of Technology)

Session **B**

August 18, Friday

13:30 – 14:45

Computational Complexity and Computability

Session Chair: Xiaotie Deng

Overlap-Free Regular Languages

Yo-Sub Han (Korea Institute of Science and Technology)

Derick Wood (The Hong Kong University of Science and Technology)

On the Combinatorial Representation of Information

Joel Ratsaby (Ben Gurion University of the Negev)

Finding Small OBDDs for Incompletely Specified Truth Tables is Hard

Jesper Torp Kristensen (University of Aarhus)

Peter Bro Miltersen (University of Aarhus)

14:45 – 15:05

Break

15:05 – 16:20

Experimental Algorithms

Session Chair: Churn-Jung Liao

Bimodal Crossing Minimization

Christoph Buchheim (University of Cologne)

Michael Jünger (University of Cologne)

Annette Menze (University of Cologne)

Merijam Percan (University of Cologne)

Fixed Linear Crossing Minimization by Reduction to the Maximum Cut Problem

Christoph Buchheim (University of Cologne)

Lanbo Zheng (University of Sydney)

On the Effectiveness of the Linear Programming Relaxation of the 0-1 Multi-commodity Minimum Cost Network Flow Problem

Dae-Sik Choi (Korea University)

In-Chan Choi (Korea University)

End of Conference

Biographies of Invited Speakers

Franco P. Preparata is the An Wang Professor of Computer Science at Brown University since January 1991. Formerly he was a Professor of Electrical Engineering and of Computer Science at the University of Illinois at Urbana-Champaign. He has also been a visiting professor at a number of research establishments, such as the University of Pisa, Italy, I.N.R.I.A., Rocquencourt, France, the Ecole Normale Supérieure, Paris, France, Kyoto University and the Academia Sinica, Taiwan.

He began his research activity in switching and coding theory, and discovered the first known class of optimum nonlinear codes (known as the Preparata codes). Gradually his interests evolved towards the design and analysis of computer algorithms. He has made pioneering contributions to computational geometry, parallel computation and VLSI theory, and computational metrology. Currently his major research focus is computational biology.

He has published over 200 papers in these fields and is the author (or co-author) of three textbooks: Introduction to Discrete Structures (with R.T. Yeh), Introduction to Computer Engineering, and Computational Geometry (with M.I. Shamos).

Dr. Preparata is a Fellow of the IEEE and of the ACM, and he is listed in a large number of standard professional references. In 1993 he received the Darlington Prize of the IEEE Circuits and Systems Society. In 1994 he was a Fellow of the Japan Society for the Advancement of Science. In 1997 he received the “Laurea honoris causa” (honorary doctorate) in Information Engineering from the University of Padova, Italy.

Mikhail J. Atallah is a Distinguished Professor of Computer Science (1982) at Purdue University and a Professor of Electrical and Computer Engineering (courtesy). He received his Ph.D. degree in the Department of Electrical Engineering and Computer Science at the Johns Hopkins University in 1982, and the M.S. degree in Electrical Engineering and Computer Science at the Johns Hopkins University in 1980.

His current research interests are in information security (in particular, secure protocols, software security, and watermarking). He received a Presidential Young Investigator Award from the National Science Foundation in 1985. A Fellow of the IEEE, he has served on the editorial boards of *SIAM Journal on Computing*, *IEEE Transactions on Computers*, *Journal of Parallel and Distributed Computing*, *Information Processing Letters*, *Computational Geometry: Theory & Applications*, *International Journal of Computational Geometry & Applications*, *Parallel Processing Letters*, and *Methods of Logic in Computer Science*. He was guest editor for a special issue of *Algorithmica* on Computational Geometry, has served as editor of the *Handbook of Parallel and Distributed Computing* (McGraw-Hill), as editorial advisor for the *Handbook of Computer Science and Engineering*, (CRC Press), and as editor for *Handbook of Algorithms and Theory of Computation* (CRC Press). He was selected to serve on the program committees of various conferences and workshops (including ACM Symposium on Principles of Database Systems, Workshop on Privacy Enhancing Technologies, International World Wide Web Conference, ACM Symposium on Access Control Models and Technologies, ACM Workshop on Digital Rights Management, Australasian Information Security Workshop, ACM Symposium on Computational Geometry, SIAM Symposium on Discrete Algorithms, Workshop on Algorithms and Data Structures, IEEE Symposium on Parallel and Distributed Processing, IEEE International Parallel Processing Symposium, International Symposium on Algorithms and Computation, and many others). He was keynote and invited speaker at many national and international meetings. In June 2001, he co-founded the software startup Arxan Technologies Inc. that has secured funding from top-tier venture capital firms.

Local Information

Conference Venue

Institute of Information Science, Academia Sinica, Taipei

Academia Sinica, founded in 1928, is the highest-ranking academic institution. The current President of Academia Sinica is Dr. Yuan-Tseh Lee, a Nobel laureate in Chemistry in 1986, who was inaugurated on January 15, 1994. The Academy consists of ~30 institutes in various disciplines including mathematical and physical sciences, life sciences, and social sciences and humanities.

The Academia Sinica is located in Nankang, east suburb of the City of Taipei. The Academic Activity Center in the Academy has several lecture rooms, dining rooms, and 90 rooms for guests of the Academy. Each guest room is equipped with air conditioning, telephone, television, and a private bathroom.

Downtown Taipei (30-40 minutes ride by car) has comfortable hotels to fit different budgets. The Organizing Committee would suggest the Academic Activity Center as the most appropriate accommodation for lodging, due to its most convenient location. However, we have also provided information of several hotels for your reference. Reservations for all accommodation are required. We will provide updated information for lodging when it is available.

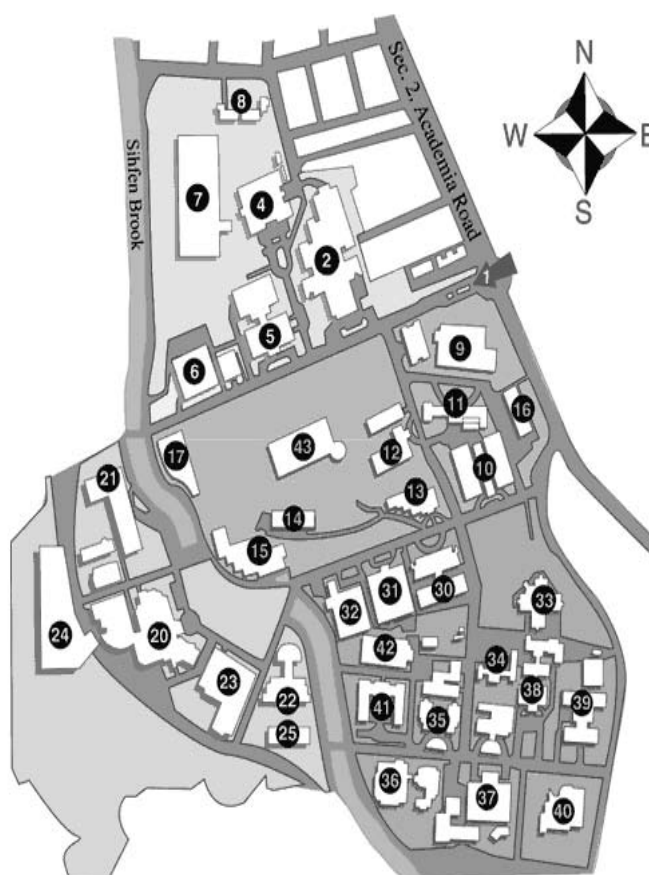
Accommodation

Activity Center of Academia Sinica

Single Room: NT\$800

Double Room: NT\$1200

The conference provides comfortable on-campus accommodation that is within 5-minutes walk from the conference site. The on-campus guest houses of Academia Sinica provide cheap and convenient, but may not 5-star quality services, to visitors. Each guest room is generally like a hotel room with beds and bath room. The guest rooms (called Activity Center) is Building 20 in the map of Academia Sinica here. The main conference site is Building 32 (Institute of Information Science). A block of rooms are reserved on a first come first serve basis.



1. Main Entrance
2. Institute of Biomedical Sciences
4. Institute of Cellular and Organismic Biology / Research Center for Biodiversity
5. Institute of Molecular Biology
6. Institute of Biological Chemistry / Life Science Library
7. National Laboratory Animal Center
8. Kindergarten
9. Greenhouse
10. Administration Office and Computing Centre
11. Institute of Taiwan History
12. Institute of Plant and Microbial Biology
13. Institute of Mathematics
14. Tsai Yuan-Pei Memorial Hall / Center for Survey Research
15. Institute of Statistical Science
16. Post Office, Garage, and Grocery Store
17. Ecological Pond
20. Center for Academic Activities (book shop, restaurants and guest rooms)
21. Institute of Chinese Literature and Philosophy
22. Institute of Earth Sciences
23. Gymnasium
24. Building for Humanities and Social Science (under construction)
25. Research Center for Environmental Change
30. Institute of Chemistry / Institute of BioAgricultural Sciences (Preparatory Office)
31. Research Center for Humanities and Social Science / Institutum Iurisprudentiae(Preparatory Office)
32. Institute of Information Science
33. Institute of Physics / Research Center of Applied Sciences
34. Hu Shih Memorial Hall
35. Institute of Modern History
36. Institute of European and American Studies
37. Institute of History and Philology / Institute of Linguistics
38. Fu Ssu-nien Library
39. Institute of Economics / NSC Social Science Research Center
40. Institute of Ethnology / Institute of Sociology
41. Institute of Political Science (Preparatory Office) / Lingnan Fine Arts Museum
42. Archive Building, Institute of Modern History
43. The Genomics Research Center

Important Message

- Only limited rooms are available. Must make the reservation at least 2 weeks in advance for this special offer to be valid.
- You can only pay for the room charge using local currency when you check out.
- No credit cards/foreign currency is taken.
- Check-in times is 14:00hrs
- Check-out times is 12:00hrs

In case you need to stay in outside hotels. Taipei has many hotels at different price ranges. Transportation is easy between hotels and the conference site except during the rush hours. Some of the hotels near by are listed below.

Local Information

Grand Hyatt Taipei

The Grand Hyatt Taipei is an exclusive five-star hotel, which is part of the Taipei World Trade Center complex, and only 5 minute walk from the center's Exhibition Hall, World Trade Building, and the Taipei International Convention Center. The hotel has 872 rooms and suites -- the largest number of guestrooms in the country. In each one you'll discover the luxury and special ambience you have come to expect only at the Grand Hyatt.

Website: <http://taipei.grand.hyatt.com/hyatt/hotels/>



Howard Plaza Hotel

Located astride a tree-lined boulevard at the heart of Taipei's commercial and financial district, the Howard Plaza Hotel provides an ideal balance of traditional tranquility and modern convenience. From stately Chiang Kai-Shek Memorial Park to the bustling Taipei World Trade Center, the life of Taipei lays just outside our doors. Within, tastefully appointed suites, state of the art amenities, and truly exceptional service ensure the Howard surpasses any and all expectations.

Website: <http://www.howard-hotels.com.tw/>



Rebar Crowne Plaza Taipei Hotel

As a luxurious change for even the most discerning travelers, our rooms and suites are elegantly and spaciouly renovated in the Crowne Plaza style. Sophisticated post-modern furnishings, gracious decorations with a soft touch, warm and pleasant atmosphere, and superb room services are all for you to explore in any of our 250 stylish rooms. In our consideration for non-smokers, we specially include five non-smoking floors as well.

Website: <http://www.crowneplaza-taipei.com/>



Asiaworld Plaza Hotel Taipei

The Asiaworld Plaza Hotel is a “City Within A City” that is situated on Tun Hwa North Road and Nanking East Road, in an upscale financial and commercial area with easy access to major local and foreign banks. The Asiaworld is an 18 floor contemporary structure with drive-through entrance and basement parking that can accommodate up to 800 cars. The Hotel offers guests 1,057 elegantly appointed rooms and suites. Its Business Center provides business travelers with the most comprehensive and up to date professional, translation and secretarial services and facilities.

Website: http://www.priorityprivilege.com/Holiday_Inn_Asiaworld_Taipei/



The Grand Hotel

The Grand Hotel, with its traditional palace style architecture, vermilion pillars, stately archways, and brilliantly tiled roof, is not only a magnificent landmark of Taiwan, but it is an emblem of ancient China. The Grand Hotel has for decades played host to dignitaries from around the world. Its histories and legends will surely mesmerize those who step into the Grand's palatial lobby. The Grand Hotel is a non-profit organization owned by the Duen-Mou Foundation of Taiwan. Its mission is to serve the community as an internationally recognized hotel with restaurants and facilities of the highest standard and quality. It has for decades been at the forefront of promoting tourism both locally and abroad.

Website: <http://www.crowneplaza-taipei.com/>



Transportation

From C.K.S. Airport to Academia Sinica

Taipei International Airport (Chiang Kai-Shek (CKS) Airport) is situated 40 km (24.8 miles) southwest of City of Taipei.

There are two suggestions for transportation from CKS to Academia Sinica:

By Bus:

Take the regular shuttle bus to downtown Taipei or Taipei (Sungshan) Airport (domestic airport) and then transfer to a taxi to get to the Academia Sinica. Bus lines, namely Taiwan Bus, Fe-Go Express, Ever Voyage Bus, etc. are available. Each line has a service interval of 15-30 minutes for most of the day. Nevertheless, there are two lines which run as late as 01:30 A.M. Tickets are sold at the bus service counters, which are located on your left-hand side as you exit from the customs. The bus fare is around NT\$110 per person. Taxi fare in the city is NT\$70 for the 1st km, and NT\$5 for each additional 300m. A 20% surcharge is imposed for taxi fares during the late night-early morning period (2300-0600). The taxi fare is estimated to be about NT\$250 in this case. The maps of Academia Sinica below may help to tell your destination to the taxi driver, and a small card written in Chinese can be shown to the taxi driver to go to the Academic Activity Center, Academia Sinica.

- **AirBus:** <http://www.airbus.com.tw>
- **Ever Voyage Bus:** http://www.evergreen-eitc.com.tw/c_4/c_4_2_3.php

By Taxi:

Take a taxi and go straight from CKS Airport to the Academia Sinica. It may cost you approximately NT\$1200 but is by far the most convenient way. If you need assistance in arranging a limousine pickup from the airport, please contact the Local Arrangement Committee. While arriving at Academia Sinica, show your destination to the security guard at the front gate. See Academia Sinica Map enclosed.

- **Terminal I taxi stand:**

On the North side of the Arrival Passenger Reception Area.

- **Terminal II taxi stand:**

On the South side of the Arrival Passenger Reception Area.

Airport taxis charge according to the meter plus a 50% surcharge (highway tolls not included). Typical fare to Taipei Hyatt Hotel is around NT\$1,700 from the CKS International Airport.

Reception

August 15, Tuesday 19:00 – 21:00

Café Laurent Restaurant
Activity Center, Academia Sinica

Excursion

August 17, Thursday 10:15 – 19:00

- The National Palace Museum
- Grand Hotel
- Lung-Shan Temple: a traditional temple first built at the year 1738
- CKS Memorial Hall
- Taipei 101 building: the highest building in the world

Excursion Plan 10:30 – 18:00

10:30	IIS, Acadmia Sinica
11:00~13:15	The National Palace Museum
13:15~13:45	Drive-by (lunch on the bus) Grand Hotel Martyrs Shrine
13:45~15:10	Lung-Shan Temple
15:30~16:20	CKS Memorial Hall and President's Office
16:40~18:00	Taipei 101 Building http://www.taipei-101.com.tw/ch/OB/index_ob.asp
18:00~18:50	Drive to banquet
19:00~	Banquet Hwa Young Gourmet & Banquet, Miramar Entertainment Park

Banquet

August 17, Thursday 19:00 – 21:00

Hwa Young Gourmet & Banquet, Miramar Entertainment Park, 5F, No. 22, Jing-Yeh 3rd Road, Taipei

