

제 5 차 국내외 한국과학기술자

종합학술대회 안내

1978. 7.10 — 7.20

12個分科 200餘名 學術發表 豫定

韓國科學技術團體總聯合會(會長 閔寬植)는 第 5 次 國內外·韓國科學技術者綜合學術大會를 在美韓國科學技術者協會(7月 1日以後 會長 崔相壹)와 共同으로 오는 7월 10일부터 20일까지 서울대학교 관악캠퍼스에서 開催키로 했다.

在美科學技術者 300명(가족포함)을 비롯하여 國內科學技術者 1,000명등 1,300여명이 대거 참석케 될 이번 綜合學術大會는 科總이 단독으로 在美科協과 공동主催(중전에는 KIST가 主管)하는 그 첫 번째 대회로서 科總은 이번대회를 명실공히 國際的인 行사가 될수 있도록 大會준비에 만전을 기하고 있다.

다음에 금번 종합학술대회의 計劃된 內容과 대회기간중 발표될 分科別 演題및 演士를 소개한다.

目的 및 趣旨

① 國內外 韓國科學技術者間의 學術研究 發表와 技術情報 交換을 通하여 國家가 指向하는 科學立國의 成功的인 推進을 뒷받침하며.

② 科學技術産業 發展과 直結되는 基礎科學, 環境汚染에 따른 生命科學, 資源에너지 및 重化學工業에 關한 專門의 研究發表와 討議를 通하여 所期의 目的을 達成하고.

③ 在外 韓國科學技術者들에게 祖國의 飛躍의 인 産業發展相과 研究 敎育機關의 實態 및 새마을運動의 成功的인 結實을 直接 보여줌으로써 새로운 祖國觀을 鼓吹시킴과 紐帶를 強化하여 國家發展에 기여할 수 있는 契機를 마련코저 함

主 催

- ◎ 韓國科學技術團體總聯合會
- ◎ 在美 韓國科學技術者協會

後 援

經濟企劃院, 外務部, 內務部, 財務部, 法務部

國防部, 文敎部, 商工部, 交通部, 文化公報部, 科學技術處.

協 贊

- | | |
|-----------|-------------|
| 韓國科學技術研究所 | 國立서울大學校 |
| 大韓商工會議所 | 韓國貿易協會 |
| 全國經濟人聯合會 | 中小企業協同組合中央會 |
| 產學協同財團 | 韓國科學院 |
| 韓國原子力研究所 | 韓國科學技術情報센터 |
| 洪陵機械工業會社 | 韓國標準研究所 |
| 韓國化學研究所 | 現代그룹 |
| (株)大韓航空 | (株)大韓石油公社 |
| 大林産業(株) | 韓國自動車工業協同組合 |
| 浦項綜合製鐵(株) | ※ 關聯産業體 |

大會日程

- 1978. 7.10(月)~1978. 7.20(木) 11日間
- 7. 8(土) 在美科學技術者代表 團入國
- 7. 9(日) 合同會議(國內, 在美)—서울대
- 7.10(月) 1. 禮 訪(代表團)
- 2. 國立墓地 參拜

3. 登 錄(KIST—在美—)
4. 開會式—KIST대강당
5. 祝賀宴

7.11(火)~7.13(木)

綜合學術大會(국립 서울대학교)

7.14(金) 研究 및 教育機關 見學(延世大·高麗大·韓國原子力研·韓國科學院·洪陵機械, KIST)

7.15(土) 勝共館 見學 一線地區視察

7.17(月)~7.19(水)

產業視察 및 새마을 見學(蔚山精油工場, 現代自動車, 現代造船所, 浦項綜合製鐵, 大德研究園地 등)

7.20(木) 綜合評價會—科學技術會館

送別 午餐

大會場所

韓國科學技術研究所 (開會式, 祝賀宴)
國立 서울대학교 (學術大會)

綜合學術大會 分科 構成

- (1) 數學統計 및 電算分科
- (2) 物理學 分科
- (3) 化學 및 食品工學 分科
- (4) 化學工學 및 纖維工學 分科
- (5) 生命科學 分科
- (6) 金屬 및 材料工學 分科
- (7) 機械 및 產業工學 分科
- (8) 資源 및 에너지 分科
- (9) 電子, 電氣 및 宇宙科學技術 分科
- (10) 環境 分科
- (11) 科學과 社會 分科
- (12) 自動車工業 分科

見學 및 視察

- (1) 研究 및 教育機關 見學
- (2) 產業視察
- (3) 模範 새마을 見學

別途事業

- (1) 面談機構設置運營—在美科學技術者를 위하여 面談 機構를 事務處內에 設置하여 運營함.
- (2) 夏季子女學校 프로그램—夏季子女學校에 在美韓國科學技術者 子女를 入校시켜서 教育을 實施함.
- (3) 家族 프로그램—學術大會 期間中 在美韓國科學技術者의 同伴家族에게 서울近郊 觀光 및 見學을 實施함. (希望者에 限함)
- (4) 國內 關聯學會와의 共同講演會 및 세미나를 別途 周旋함.

任員名單

國內 側

(가) 顯 問

- | | |
|-------|------------------|
| 南 惠 祐 | 經濟企劃院長官 |
| 朴 東 鎮 | 外務部長官 |
| 金 致 烈 | 內務部長官 |
| 金 龍 煥 | 財務部長官 |
| 李 善 中 | 法務部長官 |
| 盧 載 鉉 | 國防部長官 |
| 朴 瓊 鉉 | 文教部長官 |
| 崔 珏 圭 | 商工部長官 |
| 閔 丙 權 | 交通部長官 |
| 金 聖 鎮 | 文化公報部長官 |
| 崔 亨 燮 | 科學技術處長官 |
| 吳 源 哲 | 大統領秘書室 經濟第2首席秘書官 |
| 尹 天 柱 | 國立서울대학교總長 |
| 太 完 善 | 大韓商工會議所會長 |
| 朴 忠 勳 | 韓國貿易協會長 |
| 鄭 周 永 | 全國經濟人聯合會長 |
| 金 奉 才 | 中小企業協同組合中央會長 |
| 李 活 | 產學協同財團 理事長 |
| 鄭 周 永 | 現代그룹會長 |
| 趙 重 勳 | (株)大韓航空 社長 |
| 李 載 濬 | 大林產業(株)會長 |
| 金 東 一 | 科總 顧問 |
| 金 允 基 | 科總 名譽會長 |

第5次 綜合學術大會 案內

(4) 大會長 閔寬植(韓國科學技術團體總聯合會長)

運營委員會 構成

委員長 閔 寬 植

- 委員 員 姜信浩(東亞製藥(株)社長)
 高範俊(產學協同財團 事務總長)
 金在官(韓國標準研究所長)
 金昌煥(高麗大學校 教授)
 金滢基(科學技術處 振興局長)
 馬景錫(韓國엔지니어클럽會長)
 朴泰俊(浦項綜合製鐵(株)社長)
 卞鍾和(서울大學校 教授)
 成佐慶(韓國化學研究所長)
 沈汝澤(洪陵機械工業社長)
 沈鍾燮(全北大學校 總長)
 安京模(產業基地開發公社長)
 安世熙(延世大學校 副總長)
 李載聖(서울大學校 工科大學長)
 趙淳卓(韓國科學院長)
 趙完圭(서울大學校 自然科學大學長)
 千炳斗(韓國科學技術研究所長)

- 崔鍾浣(工業振興廳長)
 韓格富(大韓醫學協會長)
 玄京鎬(韓國原子力研究所長)

- 監 事 趙誠虎(韓國科學技術團體總聯合會監事)
 韓準石(韓國科學技術研究所 監事)
 幹 事 長 嚴基杓(綜合學術大會 事務總長)
 鄭助英(綜合學術大會 事務次長)

◎ 在美側

- (가) 顧問 李基億(前 在美韓國科學技術者協會長)
 咸仁英(前 在美韓國科學技術者協會長)
 金榮培(前 在美韓國科學技術者協會長)
 (나) 諮 問 卞鍾和(前 在美韓國科學技術者協會長)
 —서울—
 金浩吉(在美韓國科學技術者協會長)
 —在美—

(대) 準備委員會

- 委員 長 崔相壹(7月1日以後在美科協會長)
 副委員長 박찬모(前在美科協副會長)
 幹 事 長 황보한(前在美科協幹事長)

78년도 국내외 과학기술자 종합학술대회 분과별 연제 및 연사 <在美側發表者>

1. 수학, 통계 및 전산

A. 수학, 통계

Population Dynamics with changing vital Rates/김영자(Dept of Population Dynamics, Johns Hopkins U.)

Linear Programming and the Theory of Games/진교륜(Top of Alabama Regional Education Service agency)

Equivalent Deformation of algebraic varieties./임덕상(서울대학교 AID 초빙교수)

Nonparametric Statistics Via Combinatorial Methods/박종진(서울대학교 AID초빙교수)

B. Computer Science

Software Crisis: Origin and Attempts to Overcome./김광희(Dept. of Elec. Eng. and Computer Sci., U. of Southern Calif)

Concurrency Control in Data Base Systems./이석호(Dept. of Computer Sci., U. of Texas)

A Multi-Tree-Structured Network./이희규(Dept. of Elec. Eng. and Computer Sci., Princeton U.)

A Statistical Comparison of the Effectiveness of Non-Tutorial Computer-Aided Instruction and Conventional Teaching of Algebra./진교륜(Top of Alabama Regional Educ-

ation Service Agency)

Computer Application on Order Processing and Invoicing. / 채영규 (General Foods Corp.)
 oration, White Plains New York)

Software Development for TEX(Texture Analysis Computer) System. / 박찬모 (National
 Biomed. Res. Found., George town U. Med. Ctr)

2. 물리학

A. Nuclear & Elementary Particle Physics

Search for Superheavy Nuclei Theory. / 이기억 (Dept. of Physics, Marquette U.)

A few Particle Problems in Nuclear Physics. / 김영일 (Dept. of Physics, Purdue U.)

Present Status on New Particles and New Currents. / 김정욱 (Dept. of Physics, Johns
 Hopikins U.,)

Global Structure of Spontaneously Broken Gauge Theory. / 조용민 (Dept. of Physics,
 New York U.)

Inverse Scattering Problem. / 안세영 (Naval Res. Lab.)

Current Status of Guage Theory and Outlook. / 강경식 (Dept. of Physics, Brown U.)

B. Atomic, Chemical & Solid State Physics

Electron-Phonon Interaction in Semiconductors. / 남상부 (Dept. of Physics, U.)

Spin-Lattice Relaxation CaF_2 Single Crystals via Paramagnetic Impurities. / 김경훈 (R
 & D Collins Radio Group, Rockwell International)

Angular Distribution of Electrons Elastically scattered from He. / 신동화 (Space Physics
 Res. Lab., U. of Michigan)

Theory of Atom-Diatom Reactive Scattering Based on the Distorted-Wave Born App-
 roximation / 석성호 (Dept. of Physics, U. of Missouri)

Laser Light Scattering and Its Application to Air Pollution Monitoring. / 이일항 (Dept.
 of Eng. and Appl. Sci., Yale U.)

The Liquid Phase Epitaxial Growth of Thick $\text{Ga}_{1-x}\text{Al}_x\text{As}$ Layers with Uniform Com-
 positions and Infrared and Raman Study of Grown Layers. / 김옥기 (Dept. of Physics
 and Materials Sci., U. of Southern Calif.)

Recent Advances in Ion Implantation in Semiconductors. / 박윤수 (Air Force Avionics
 Lab., Wright-Patterson Air Force Base, Ohio)

C. Plasma

Status and Prospect of Nuclea Fusion Research / 이자현 (Vanderbilt U.)

Optical Diagnostics in Plasma Physics / 김진중 (Dept. of Physics, North Carolina
 State U.)

Nonneutral Plasma / 엄환섭 (Dept. of Physics and Astronomy, U. of Maryland)

Plasma Turbulence / 안세영 (U.S. Naval Research Lab.)

D. Optics & Optical Communication

Laser Diode Characterizations for Multi-Channel Applications / 김창수 (Electronics Lab.)

Optics; Its Present and Future / 권오식 (Optical Sci. Ctr., U. of Arizona)

Single Axial Mode Operation of the Q-Switched Nd:YAG Laser / 박용관 (Dept. of Appl.

第 5 次 綜合學術大會 案內

Physics, Stanford U.)

Applications of Evanescent Waves in Lasers and Optics/이일항(Dept. of Eng. and Appl. Sci., Yale U.)

Infrared Twyman-Green Interferometric System/권오석(Optical Sci. Ctr., U. of Arizona)

Hologram Optical Elements and Their Applications/장병진(Radar and Optics Div., Environmental Res. Inst. of Michigan Ann Arbor)

Coupled Mode Theory for Anisotropic and Gyrotropic Thin Film Waveguide/이용경(Optical Information Systems Exxon Enterprises, Inc.)

Study of Nonlinear Optical Properties Using a Molecular Orbital Method/석성호(Dept. of Physics, U. of Missouri)

Quantum Optical Properties of Amplified Spontaneous Emission from a High-Gain Medium/김진중(Dept. of Physics, N. Carol U.)

E, Metrology

Utilization of an AM Broadcasting Network for Standard Time and Frequency Dissemination/권태무(Time and Frequency Systems EFRATOM, Irvine, Calif. and Korea Standards Res. Inst., Dae-Duk, Korea)

Time System/오인환(Computer Sciences Corp.,)

3. 화학 및 식품공학

A. Chemistry

The Microwave Spectrum, Structure of 2-Mercaptoethanol; Evidence for an Intramolecular OH...S Hydrogen Bond/성은모(Dept. of Chemistry U. of Kansas)

A Radiation Induced Bonding of Iodine at the Surface of Uniform Polystyrene Particles/허연(YKK Industries, Inc.,)

Volatilities of Chemical Impurities in Hydrocarbon/원광용(Process Dept., Fluor Eng. and Const. Co.)

Synthesis of β -Diiminate Chelates by Condensation of 2,4-Pentanedione with $pt(NH_3)_6Cl_4$, $Pt(en)_3Cl_4$, and $Au(en)_2Cl_3$. Crystal and Molecular Structure of Trans-[$Pt(NH_3)_2(2,4-pentanediiiminate)_2$] $(ClO_4)_2$ /김중호(Dept. of Chemistry, U. of Kansas)

Heavy-Atom Effects on the Photochemistry of β - γ -Unsaturated Ketones/채우기(Rice U., Houston, Texas)

The Reaction of Alkylidenephospholanes with Difluorocarbene/장일순(Dept. of Chemistry, U. of Iowa)

Chemistry of Thiolsulfinate Esters/이병형(Dept. of Chemistry, Washington U.)

An Unequivocal Synthesis of 7-Hydroxymethyl Pteridines/김영호(School of Med., Tufts U.)

B. Agricultural Sci. and Food Technology

Plant Virus-Induced Inclusion Bodies and their Value in Virus Diagnosis/김경수(Dept. of Plant Pathology, U. of Arkansas)

Tomato Ripening in Low Oxygen Storage with Emphasis on Ethylene and Carbon Dioxide Production and Carotenoid Biosynthesis/김병동(Dept. of Biochemistry, West

Virginia U.)

Chemical Pollution of Food/김영순(Dept. of Chemistry, Community Coll. of Philadelphia)

The Inhibitory Activity and the Antibiotic Sensitivity of Lactobacillus Acidophilus /하경희(Monroe Community Hospital)

Purification and Characterization of Pea Seed Lipoxygenase Isoenzymes/윤선(Dept. of Foods and Nutrition, U. of Illinois)

Chemicals as Food Additives in Our Foods/이창용(Dept. of Food Sci. and Tech., Cornell U.)

4. 화학공학 및 섬유공학

A. Chemical Engineering

Recent Development in Polyethylene Production Process/이창환(Union Carbide Corp.)
Process and Apparatus for Continuous Production of Granules in Fluidized Bed/문수덕(Abbott Lab.)

A Kinetic-Elastic Approach for Time-Dependent Rheological Data/박건양(Dept. of Chem. Eng., Ohio State U.)

Multiple Steady States in an Isothermal, Integral Reactor; The Catalytic Oxidation of Carbon Monoxide over Platinum-Alumina/오세혁(General Motors Res. Lab)

Filtration of Aerosol Particles by Diffusion and Interception in Packed Beds/이규원(Battelle, Columbus Lab.)

B. Textile & Chemical Fibers

Synthetic Fibers Appearance Factor in Dyeing and Finishing/이충시(Dodgeville Finishing Corp)/Réducing Formaldehyde with Scavenger in Resin Finished Cellulose
The Properties of Biconstituent Yarns/오윤환(John Fabrics Corp.)

Structure-Property Relations in Semi-Crystalline Polymers/노영준(Bell Lab)

5. 생명과학

A. Biochemistry and Molecular Biology

Spontaneous Expression and Genetic Regulation of Mouse Endogenous Viruses in Hamster x Mouse Hybrid Cells/박상진(National Cancer Inst.)

Molecular Analysis of the Ad2 Transforming Genes and Its Possible Functions in Cell Transformation/노현보(Litton Bionetics Res. Lab.)

Role of Enzymatically Catalyzed 5-Iodo-5, 6-Dihydroracil Ring Hydrolysis on the Dehalogenation of 5-Iodouracil/김병동(Dept. of Biochemistry, West Virginia U.)

Restriction Enzyme: Its Purification and Use in Molecular Biology/민병길(Dept. of Chemistry, American U., Bethesda Res. Lab)

Hybridomas Secreting Monoclonal Antibody Against Type III Pneumococcal Polysaccharide (SSS-III)/김경진(Lab. of Microbial Immunity National Inst. of Allergy and Infectious Diseases)

In Vitro Uptake of Salicylate by Human Red Blood Cells/김중국(Dept. of Pharmaceutics, U. of Georgia)

第5次 綜合學術大會 案內

Selective Changes in Tyrosine Transport by Isolated Choroid Plexus Exposed to Inorganic Lead/김정섭(Biological Sci. Res. Ctr., School of Med., U. of North Carolina)

Thymidylate Synthetase Inhibitors/박준섭(Dept. of Medicinal Chemistry, U. of Kansas)

Evidence that Diguanylyltransferase is a Zinc Metalloenzyme/김병동(Dept. of Biochem., W. Virginia U.)

B. Pharmaceutical Sciences

Recent Trend in New Drug Development/신정택(Bristol-Myers Products)

Pharmaceuticals and Agricultural Chemicals derived from Pyridine/김종환(Schering A.G. Pharmaceutical Co.,)

Recent Advances and Future Research Direction of Penicillin and Cephalosporin Antibiotics/김정은(Res. Div., Bristol Lab., Bristol-Myers Co.,)

Pharmacokinetics of Disopyramide Phosphate/국중석(G.D. Searle & Co.,)

Polymeric Drug Delivery Systems-Hydrophobic Polymers, Hydrogels and Biodegradable Polymers/김성완(Dept. of Pharmaceutics, U. of Utah)

The Drug-Plastic Container System-An Overview/김종국(Dept. of Pharmaceutics, U. of Georgia)/Controlling the Contamination of Pharmaceutical Products

Practical Guidelines for the Manufacture of Parenteral Products/최상우(Pharmaceutical Develop. and Control Lab., International Medication Systems, Ltd.,)

C. Medical Science

Effectiveness of Therapeutic Intervention and CTC Model/박양자(Southeastern Regional Mental Health Center)

Anatomical-Physiological-Acoustical Aspects of Speech Production Mechanisms/김병욱(Speech Sci. Lab., Dept. of Speech Pathology and Audiology, U. of Wisconsin)

Theory and Practice of the Computerized 3-Dimensional Image Reconstruction-Applications to Physical and Biomedical Sciences/조창희(Dept. of Radiology, U. of Calif.)

Molded Picture Representation of Whole Body Organs Generated from Sequence of CT Scans/박찬모(National Biomed. Res. Foundation, Georgetown U. Med. Ctr.)

Longitudinal Tomography Algorithms for 3-D Positron Image Reconstruction/임전빈(Dept. of Radiology, U. of Calif.)/Design Considerations and Performance of A MWPC Positron Camera.

Random Noise Reduction In CT Images with Spatial Filtering Techniques/한경선(Eng. Dept., EMI Medical Inc.)

True Three-dimensional Reconstruction (TTR) of Images/조창희(Dept. of Radiology, U. of Calif.)

6. 금속 및 재료공학

Contribution of Oxidation to the Wear of Carbon-Carbon Composites/장혜원(Bendix Res. Lab.)

Crack Nucleation and Stage I Propagation in Low Cycle Fatigue/김우형(Dept. of Materials Engineering, Drexel U.)

Energy Conservation at Steel Plants/이창희(The Steel Co. of Canada, Ltd.)

Tool Materials/전철규(Kennametal Inc.)

7. 산업공학

Two-level Planning: A New Methodology and Its Applications/문인덕(Dept. of & Management Eng.)

On the Appropriateness of the Ordinary Regression with 0.1 Dependent Variable/이경원(American Soybean Association)

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8. 자원 및 에너지

U.S. Energy Policy and Its Impact on Western Coal Mining/고경철(Kenneth C. Koh & Associates, Inc.)

Nuclear Power Plant Design Consideration in Electrical Control Point of View/박충규(Bechtel Power Corp.)

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Solar Energy: Its Technologies and Applications/오정무(Dept. of Energy and Environment, Brookhaven National Lab.)/Thermal Performance and Economics of Solar Space and Hot Water Heating System

Energy Storage System for Solar Home Heating/김지동(Nuclear Res. Ctr., Mc Master U.)

National Programs of Energy Conservation, Management and Application of Solar Energy/김호근(Atlantic Christian College, Wilson)

9. 전자, 전기 및 우주과학 기술

Prospect of Electronics Industry in Korea/김완희(Dept. of Elec. Eng. and Computer Sci.)

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Remote Sensing by Synthetic Aperture Radar/장병진(Environmental Res. Inst. of Michigan)

Transverse Electric Field Effect in Cholesteric Liquid Crystal/권영세(Dept. of Elec. Eng., Duke U.)

Fully-Implanted Bipolar 1 KRAM Process/오계환(Tech. Ctr., Burroughs Corp.)

Recent Development in the Application of Matrices to Control Theory/최준호(Dept. of Elec. Eng., Duke U.)

Signal Processing Techniques for the Navigation of Vehicles/박영원(McDonnell Douglas Tech. Serv. Co.)

Overview of Communication Systems for NASA Nearearth Satellite: Spacecraft and Ground Systems/박영호(Bendix)

The Ames Planetary Boundary Layer Model/이인영(Space Sci. Div., NASA Ames Res. Ctr., Moffet Field)

Orbit Insertion System Design Review/황보한(System Devel. Corp.)

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A System Analysis and Water Quality Management Planning / 황등수 (New Jersey State Dept. of Environmental Protection, Trenton, New Jersey)

Computer Application in Highway Planning and Design / 신부용 (McMaster U., Canada)

Optimization Technique of Traffic Signal Timing

Introduce of a Five million Gallon Ground Water Storage / 이량 (Dept. of Public Works, City of Houston)

Polymers for Pollution Control / 차철영 (Calgon Corp., Pittsburgh)

Development of Methodolgy of Air Resource Management / 김인기 (Dept. of Operations Res., Kennecott Computing Ctr., Slat Lake City, Utah)

Digital Computer Simulation of a Copper Smelter for Emission Control Strategy Development / 김영창 (Dept. of Mining and Geologica Enlg., U. of Arizona)

A Numerical Study of the Mesoscale Motions over the Korean Peninsula / 이인영 (Space Sci. Div., NASA Ames Res. Ctr., Moffett Field, Calif)

Development of Supplementary Control Systems required to meet U.S. National Ambient Standard / 김인기 (Dept. of Operations Res., Kennecott Computing Ctr)

Concepts and Applications of Air Quality Simulation Models / 장태열 (Ford Motor Co.,)

International Perspective on Supplying Food to the Growing Korean Economy / 이경원 (American Soybean Association)

Tennessee Valley Authority's Contributions to Fertilizer Technology / 김용근 (Div. of Chem. Develop., National Fertilizer Develop. Ctr. Tennessee Valley Authority)

12. 자동차 공업

Motor Vehicle Design Goals beyond 1980 / 서정만 (Chrysler Corp.)

Automotive Powerplants in 1980's / 윤효종 (Ford Motor Co.)

Automatic Transmission Engineering Activity in the U.S. / 박준민 (Ford Motor Co.)

New Trends in Metal Forming Processes / 서상기 (Ford Motor Co.)

Plastics Use in Automobile / 고준규 (Ford Motor Co., Detroit, Michigan)

Review on Bound and Mode Approximation Technique for Dynamically Loaded Structures / 전춘택 (General Motors Res. Lab., Warren, Michigan)

Screw Design and Extruder Output Rate / 정찬일 (Rensselaer Poly. Inst.)

Some Recent Development in Finite Difference Methods for the Navier-Stokes Equations / 장근식 (NASA, Ames Res. Ctr., Moffet Field, California)

Numerical Techniques for the Computation of Transient Two-Phase Flow and Heat Transfer / 최희기 (Energy Incorporated, Idaho Falls)

Investigation of Ride Quality Dynamics of Rubber-Tired Automated Guideway Transit Systems / 박윤근 (Dept. of Mech. Eng., U. of Texas)

An Experimental Study of Droplet Response to Weak Shock Waves. / 김승수 (Dept. of Mech. Eng., Rutgers U., New Brunswick, New Jersey)

Application of Fracture Mechanics to Plastic Pipe Design. / 이철수 (Bettelle Columbus Lab.)

(5월 29일 현재)