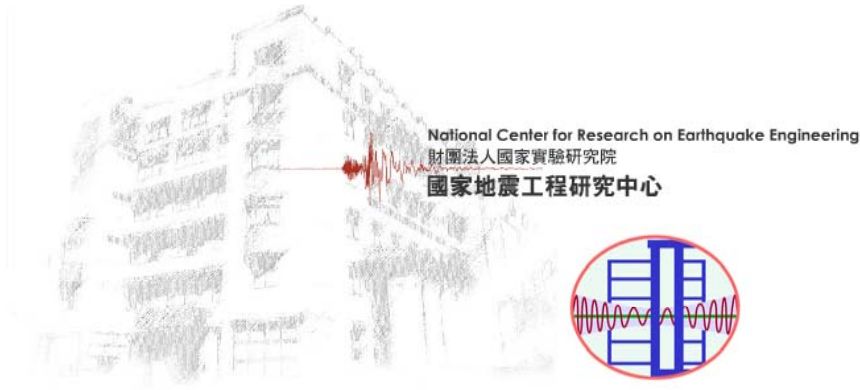


台灣-俄羅斯雙邊土木領域研討會

Taiwan-Russia Bilateral Symposium on Civil Engineering



◎台方主持人及講員◎（依照出場序）

- | | |
|-----|--------------------------|
| 張國鎮 | 國家地震工程研究中心主任、國立台灣大學土木系教授 |
| 尹衍樑 | 俄羅斯國際工程院台灣分會理事長 |
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| 林子剛 | 國立交通大學土木系助理教授 |
| 江國寧 | 國立清華大學動力機械系教授 |
| 陳俊杉 | 國立台灣大學土木系教授 |
| 林其璋 | 國立中興大學土木系教授 |
| 羅俊雄 | 國立台灣大學土木系教授 |
| 劉楨業 | 國立台灣大學土木系教授 |
| 壽克堅 | 國立中興大學土木系教授 |
| 周中哲 | 國立台灣大學土木系教授 |

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◎俄方主持人及講員◎（依照出場序）

- | | |
|---------------------------|-------------------|
| Prof. Alexandr EMANOV | 俄羅斯科學院西伯利亞分院站長 |
| Prof. Aleksandr FEDOROV | 俄羅斯科學院西伯利亞分院主任 |
| Prof. Yury GHUGUY | 俄羅斯科學院西伯利亞分院所長 |
| Dr. Aleksey MEDVEDEV | 俄羅斯科學院西伯利亞分院資深研究員 |
| Prof. Vasily FOMIN | 俄羅斯科學院西伯利亞分院副院長 |
| Prof. Vladimir MOSKVICHEV | 俄羅斯科學院西伯利亞分院局長 |
| Dr. Evgeny KRAUS | 俄羅斯科學院西伯利亞分院研究員 |
| Prof. Victor SELEZNEV | 俄羅斯科學院西伯利亞分院局長 |
| Prof. Vadim LEBIGA | 俄羅斯科學院西伯利亞分院執行長 |
| Prof. Alexandr EMANOV | 俄羅斯科學院西伯利亞分院站長 |

敬邀

財團法人國家實驗研究院國家地震工程研究中心

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台灣-俄羅斯雙邊土木領域研討會

主辦單位：財團法人國家實驗研究院國家地震工程研究中心

協辦單位：俄羅斯國際工程院台灣分會

時間：101年11月02日(星期五)-11月03日(星期六)

地點：國家地震工程研究中心 101 演講廳

費用：免費，歡迎學生旁聽

名額：場地座位有限，請盡早入座

連絡電話：國家地震工程研究中心 (02) 6630-0587，陳俊仲先生

◎宗旨◎

Visit of the Siberian Branch of the Russian Academy of Science (SB RAS) delegation to Taiwan will allow to establish new relations and to begin collaboration in new areas carried out both in Russia and Taiwan in contrast to previous collaboration mainly consisting in participation of scientists from Institute of Theoretical and Applied Mechanics (ITAM) in joint research at National Center for Research on Earthquake Engineering (NCREE) according to programs supported by National Science Council and NCREE.

The symposium will allow realizing of existed plans and to include new directions into joint work, involving new organizations from Taiwan in cooperation as far as SB RAS has broad relations both on main topics and on interdisciplinary researches in different places of Siberia region.

The next basic topics are selected for the symposium:

1. Modern tasks of fundamental research on problems of civil buildings and seismic safety of engineering constructions;
2. Computational and experimental simulation in continuum mechanics;
3. Interdisciplinary studies for problems of civil buildings;
4. Computational and experimental study of composite materials;
5. New areas of cooperation and perspective joint research involving new partners and participants.

台灣-俄羅斯雙邊土木領域研討會議程 Agenda of Taiwan-Russia Bilateral Symposium on Civil Engineering

11/02 (FRIDAY) at NCREE Room 101

Time	#	Content	Chairman
09:00-09:05	F1	Welcome Address Prof. Kuo-Chun CHANG	Prof. K.C.Chang
09:05-09:10	F2	Congratulatory Address Honourable Guest	
09:10-09:40	F3	Keynote Speech Dr. Samuel Yen-Liang YIN <i>Innovation and Development of Ruentex Construction Technology</i>	
09:40-10:10	F4	Dr. Alexandr EMANOV <i>Standing Wave Method in Engineering Seismology (Theory)</i>	
10:10-10:40	F5	Prof. Yeau-Ren JENG <i>Toward In-situ Observation of Micro-structure Changes of Nanomaterials</i>	
10:40-10:50	B1	Coffee Break	
10:50-11:20	F6	Prof. Aleksandr FEDOROV <i>Computations of Wind Environment and Shock Wave Impact on the Civil Engineering Constructions with Computer Aid Engineering Methods</i>	Prof. Y. Chuguy
11:20-11:50	F7	Prof. Kuo-Liang WEN <i>Strong Motion Observations and Geotechnical Database in Taiwan</i>	
11:50-13:30	L1	Lunch	
13:30-14:00	F8	Prof. Tzu-Kang LIN <i>Experimental Verification of a Vibration-Based Bridge Health Monitoring System on Scour Issue</i>	Prof. K.L. Wen
14:00-14:30	F9	Prof. Yury CHUGUY <i>System for Sliding Bearing Shift Measurement of Drilling Platforms</i>	
14:30-15:00	F10	Prof. Kuo-Ning CHIANG <i>High-Performance Computing and Design-on-Simulation Technology</i>	
15:00-15:20	B2	Coffee Break	
15:20-15:50	F11	Prof. Chuin-Shan CHEN <i>Mixed Atoms with Continuum: the Quasicontinuum Method</i>	Prof. K.N. Chiang
15:50-16:20	F12	Dr. Aleksey MEDVEDEV <i>Modelling of Mixing of Granular Media Under Complex Differential Loading</i>	

台灣-俄羅斯雙邊土木領域研討會議程

Agenda of Taiwan-Russia Bilateral Symposium on Civil Engineering

11/03 (SATURDAY) at NCREE Room 101

Time	#	Content	Chairman
09:00-09:30	S1	Prof. Vasily FOMIN <i>From Fundamental and Interdisciplinary Research to Applied Technologies for Civil Engineering</i>	Prof. K.C.Chang
09:30-10:00	S2	Prof. Chi-Chang LIN <i>Protection of Civil Structures Using Semi-active Tuned Mass Dampers with Resettable Variable Stiffness Device</i>	
10:00-10:30	S3	Prof. Chin-Hsiung LOH <i>Damage Identification of Reinforced Concrete Member Using Optical Sensor Array Data</i>	
10:30-10:50	B3	Coffee Break	
10:50-11:20	S4	Prof. Vladimir MOSKVICHEV <i>Numerical Simulation and Experimental Study in Fracture Mechanics</i>	Prof. V. Lebiga
11:20-11:50	S5	Prof. Tony C. LIU <i>Materials Research for Tomorrow's Infrastructure</i>	
11:50-13:30	L2	Lunch	
13:30-14:00	S6	Dr. Evgeny KRAUS <i>Computer Simulation of Damage and Fracture Under High Dynamic Loading</i>	Prof. Tony C. Liu
14:00-14:30	S7	Prof. Keh-Jian SHOU <i>Numerical Simulation of Fracture Propagation in Layered Systems</i>	
14:30-15:00	S8	Prof. Victor SELEZNEV <i>Detail Research of Standing Waves in Buildings and Structures</i>	
15:00-15:20	B4	Coffee Break	
15:20-15:50	S9	Prof. Chung-Che CHOU <i>Experimental Performances of FRP Composites in Civil Engineering Structures: Self-Centering Brace, Bridge Deck, and Wide-Flange Beam</i>	Prof. V. Seleznev
15:50-16:20	S10	Prof. Vadim LEBIGA <i>SB RAS – NSC Cooperation. Traditional and New Perspective Forms of Joint Research</i>	