

**LIST OF SI-CN PROJECTS APPROVED BY THE SI-CN COMMISSION FOR S&T COOPERATION
FOR THE PERIOD July 1, 2005 - June 30, 2007**

SI	CN	SI	SI	CN	CN	SI
<i>No.</i>	<i>No.</i>	<i>Institution</i>	<i>Principal Investigator</i>	<i>Institution</i>	<i>Principal Investigator</i>	<i>Title of Project in Slovenian</i>
BI-CN/06-07/01	P06:09	Jožef Stefan Institute Jamova 39 1000 Ljubljana	Marija Kosec	Electronic Materials Research Laboratory, Key Lab of the Ministry of Education of China, Xi'an Jiatong University	Wang Hong	Priprava in lastnosti elektronske keramike
BI-CN/06-07/02	P06:24	Institute of Mathematics, Physics and Mechanics Jadranska ulica 19 1111 Ljubljana	Peter Šemrl	Shanxi Teachers University, Department of Mathematics, Shanxi	Hou Jinchuan	Ohranjevalci
BI-CN/06-07/03	P06:08	University of Maribor Faculty of Electricval Engineering, Computer Science and Informatics Smetanova 17 2000 Maribor	Borut Žalik	College of Computer Science and Engineering, Dalian Nationalities University	Liu Yong-Kui	Razvoj algoritmov računalniške grafike in računalniške geometrije
BI-CN/06-07/04	P06:05	Nova Gorica Polytechnics, School of Environmental Sciences Vipavska 13 5001 Nova Gorica	Mladen Franko (Janez Štupar)	China University of Geosciences, School of Environmental Studies	Yao Jun	Ocena vpliva onesnaženja okolja s svincem na zdravje ljudi v bližini tovarne stekla
BI-CN/06-07/05	P06:01	University of Ljubljana Faculty of Chemistry and Chemical Technology Aškerčeva 5 1001 Ljubljana	Marijan Kočevar	College of Life Sciences, China Jiliang University	Lou Ji-Dong	Študij novih reakcij izomerno čistih alfa, beta-didehidroaminokislinskih derivatov
BI-CN/06-07/06	P06:22	Jožef Stefan Institute Jamova 39 1000 Ljubljana	Miran Čeh	Shanghai Institute of Ceramics	Gu Hui	Elektronska keramika z mejno kontroliranimi električnimi lastnostmi mej med zrni
BI-CN/06-07/07	P06:10	Center for Applied Mathematics and Theoretical Physics, University of Maribor	Valerij Romanovskij	Shanghai Normal University, Institute of Mathematics, Shanghai	Han Maoan	Bifurkacije limitnih ciklov in kritičnih period polinomskih diferencialnih enačb

BI-CN/06-07/08	P06:21	Jožef Stefan Institute Jamova 39 1000 Ljubljana	Paul McGuiness	Harbin Institute of Technology, Shenzhen Graduate School	Yan Gaolin	Okolju prijazna reciklaža magnetov tipa Nd-Fe-B s pomočjo vodika
BI-CN/06-07/09	P06:17	National Institute of Chemistry Hajdrihova 19 1000 Ljubljana	Jože Kobe	College of Life Sciences, China Jiliang University, Hangzhou	Lou Ji-Dong	Kemija ciklodekstrinov in kaliksarenov
BI-CN/06-07/10	P06:02	National Institute of Chemistry Hajdrihova 19 Ljubljana	Milko Novič	Zhejiang University, Department of Chemistry	Zhu Yan	Nove aplikacije in matematično modeliranje separacijskih postopkov v ionski kromatografiji
BI-CN/06-07/11	P06:14	Jožef Stefan Institute Jamova 39 1000 Ljubljana	Vincenc Nemanič	Institute of Physical Electronics, Peking University	Peng Lian-Mao	Študij procesov na atomski skali, ki sprožijo stabilno hladno emisijo na vrhovih anorganskih nanocevk
BI-CN/06-07/12	P06:11	National Institute of Biology Večna pot 111 1000 Ljubljana	Andrej Čokl	Institute of Zoology, Chinese Academy of Sciences	Liang Ai-ping	Študij komunikacije pri Heteropterih kot orodje za razvoj novih tehnik biološke kontrole
BI-CN/06-07/13	P06:13	Slovenian Institute of Hop Research and Brewing Cesta Žalskega tabora 2 3310 Žalec	Iztok Jože Košir	China National Research Institute of Food and Fermentation Industries, Beijing	Zhang Wujiu	Karakterizacija eteričnih olj hmelja (<i>Humulus Lupulus L.</i>) slovenskega in kitajskega izvora s kemometričnimi metodami na osnovi kemijske analize s kombinacijo GC in GC-MS tehnik
BI-CN/06-07/14	P06:12	University of Ljubljana Faculty of Arts Aškerčeva 2 1000 Ljubljana	Mihael Budja	Laboratory of Archaeometry and Conservation Science in Archaeology Department, Beijing University	Wu Xiaohong	Zgodnja dinamika evrazijske paleoekonomije. Pridelovanje hrane in prehrana v prazgodovini
BI-CN/06-07/15	P06:23	University of Ljubljana Faculty of Chemistry and Chemical Technology Aškerčeva 5,1001 Ljubljana	Marin Berovič	Edible Fungi Institute of Shanghai Academy of Agricultural Sciences	Zhang Jingsong	Produkcija farmacevtsko aktivnih spojin glive <i>Grifola frondosa</i> s postopkom gojenja na trdnem in tekočem gojišču

BI-CN/06-07/16	P06:06	University of Ljubljana Veterinary Faculty Gerbičeva 60 1000 Ljubljana	Milan Pogacnik	Guangxi Institute of Animal Sciences	Lai Zhiqiang	Management, zdravje in okolje pri pašnih živalih
BI-CN/06-07/17	P06:15	Scientific Research centre of SASA, Institute for Karst Research Titov trg 2 6230 Postojna	Tadej Slabe	Yunnan Institute of Geography, Yunnan University, Kunming	Liu Hong	Značilnosti kraškega vodonosnika in kartiranje ranljivosti v zaledju jezera Dianchi, Kunming, Kitajska: primer severnega dela zaledja
BI-CN/06-07/18	P06:07	University of Ljubljana Biotechnical Faculty Jamnikarjeva 101 1000 Ljubljana	Metka Hudina	Agricultural University of Hebei, Department of Horticulture/ Research Center of Chinese jujube	Liu Mengjun	Predstavitev in skupna proučevanja uporabe novih tehnik pri jablani in žizuli med Kitajsko in Slovenijo
BI-CN/06-07/19	P06:20	University of Ljubljana Biotechnical Faculty Jamnikarjeva 101 1000 Ljubljana	Davorin Gazvoda	Graduate School of Landscape Architecture (GSLA), Beijing University	Yu Kongjian	Vzdržen razvoj vasi in malih mest
BI-CN/06-07/20	P06:04	Slovenian Museum of Natural History Prešernova 20 1000 Ljubljana	Ignac Sivec	Institute of Applied Entomology, Yangzhou University	Du Yu-Zhou	Diverzitetna vrbnica (Insecta: Plecoptera) severne Kitajske
BI-CN/06-07/21	P06:19	University of Ljubljana Faculty of Electrical Engineering Tržaška 25 1000 Ljubljana	Robert Golob	Business Management School, China University of Mining and Technology, Beijing	Xu Xiangyang	Uporaba naprednih metodologij za podporo odločanju pri integriranih raziskavah energetskih sistemov, ki uporabljajo čiste vire energije
BI-CN/06-07/22	P06:18	Energy Restructuring Agency Litijska cesta 45 1000 Ljubljana	Franko Nemac	Business Management School, China University of Mining and Technology, Beijing	Xu Xiangyang	Raziskava potenciala in instrumentov za povečanje rabe obnovljivih virov energije v Sloveniji

Annex II

CN
<i>Title of Project in English</i>
Processing and Microstructure Control of Electronic Ceramics
Preservers
Research on the Algorithms of Computer Graphics and Computational Geometry
Evaluation of the impact of lead pollution on peoples health in the vicinity of glass factory
Study of new reactions of isomerically-pure alpha, beta-didehydroamino acid derivatives
Electronic Ceramics with interface control of electrical properties
Bifurcations of limit cycles and critical periods in polynomial systems of differential equations

Environmental hydrogen-based recycling of Nd-Fe-B magnets
A combination of cyclodextrin and calix/aren chemistry and related spectroscopy
New Applications and Mathematical Modeling of Ion Chromatography Separation Procedures
Nano-scale phenomena atop of inorganic nanotubes inducing stable field emission
The study of communication in hemipterous insects as a tool to develop new biological control techniques
Characterization of hop essential oils (<i>Humulus Lupulus L.</i>) originating from Slovenia and China by the chemometric methods on the basis of chemical analysis with the combination of GC and GC-MS techniques
The Early dynamics in Eurasian Palaeoeconomy. The Evidences of Food Production and Food Consumption in Prehistory
Production of pharmaceutically active compounds from <i>Grifola frondosa</i> by solid state and submerged cultivation

**Management, Health and Environment of
Grazing Animals**

**The properties of karst aquifers and its
vulnerability mapping in Dianchi catchment,
Kunming, China: a case study of the north
area**

**Introduction and cooperative study on new
techniques in apple and chinese jujube
between China and Slovenia**

**Sustainable Development of Villages and
Small Towns**

**Diversity of the stonefly (Plecoptera) of the
Northern China**

**Integrated Assessment of Clean Energy
Systems using Advanced Decision Support
Methodologies**

**Research on Potential and Instruments for
Increase of use of Renewable Energy
Sources in Slovenia**

