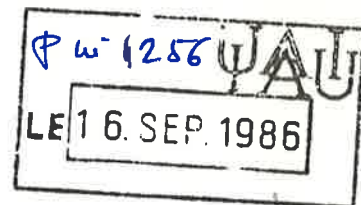


REPORT ON THE XIVth IAU-UNESCO  
INTERNATIONAL SCHOOL FOR YOUNG ASTRONOMERS



The XIV IAU-UNESCO International School for Young Astronomers was held in Peking University, Beijing over the period August 3 - August 17, 1986.

The lectures were conducted in English and concentrated mainly on cosmic radio astronomy and solar physics. In addition several other topics were also treated (see Encl. A).

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Lecturers:

Four from abroad: E. N. Parker (U.S.A), J. Kleczek (Czechoslovakia), M. Morimoto and Y. Fukui (Japan).  
Nine from Peking University, Beijing Astronomical Observatory (Academia Sinica) and Beijing Normal University (see Encl. A).

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Students from abroad:	Japan	1
and districts	: Hong Kong	4
	Thailand	3
	Iran	1
	United Kingdom	1
Students from China :	Peking University	3
	Beijing Observatory	4
	Shanghai Observatory	5
	Purple Mountain Observatory	8
	Nanking University	4
	Beijing Normal University	3
	Yunnan Observatory	8
	Yunnan University	1
	Shanghai Nature Museum	1
	High Energy Phy. Inst.	1
	Centre China Normal University	3
	University of Xiang Tan	1
Total number of the students		52
(For detail see enclosed list B)		

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(-)=not typed 2

All of the school's activities proceeded smoothly according to the time table (Encl. C). This was made possible by the work of the 12 committee members (Encl. D.) who spent many hours on the School's organization.

All of the participants (both lecturers and young astronomers) were given accommodation within the campus and took their meals together. Two buses were hired for the excursion so that everyone could travel together, and the students therefore had every opportunity to discuss scientific problems with the lecturers. This was a very important aspect of the Beijing school.

The XIV school had the following sponsors:

- (1) IAU
- (2) Chinese Astronomical Society
- (3) Peking University
- (4) Beijing Astronomical Observatory of Academia Sinica
- (5) Beijing Normal University
- (6) University of Science and Technology of China

(For a detail budget see supplement E.)

The Organizing Committee used \$700 from the sum offered by the regional UNESCO office in Jakarta as the travel support for two Thai young astronomers.

### Assessment of the Beijing School

Besides the basic aim of the school, - namely the transfer of knowledge to the next generation of astronomers - the Beijing school has also proved to be useful in some other respects:

- Because everyone stayed together, the students were able to seek advice from and discuss their problems in full with the lecturers.
- All of the participants visited the main astronomical institutes within the Beijing region, and became acquainted with their modern astronomical instrumentation.
- The participants got to know one another very well, such personal contacts being invaluable for cooperation in astronomical research not only between distant institutions within China but also between those of other East Asian countries.
- Visits to places of historical importance, the theatre and ballet were an important contribution to all of the participants' cultural education.
- The foreign professors were asked to conduct seminars on specialized topics - in addition to their lectures and to provide advice on the construction of instruments and to contribute to the compilation of a dictionary (English - Chinese and Chinese - English) of astronomical terminology.

Although the Beijing school lasted for only 2 weeks, it was nevertheless very complete and successful. This was the opinion both of the professors, and of the majority of the students. To discover the participants opinions, we asked them to answer some questions about the school (see suppl. F).

*Josip Kleckek*

*Wang Jun*

#### Supplements:

- A. Name list of the lecturers.
- B. Name list of the students.
- C. Timetable of the school.
- D. Name list of the organizing committee members.
- E. Budget of the school.
- F. Questionnaire.

*with by-pass*

## Supplement A

## LIST OF COURSES FOR XIV ISYA

3-16 Aug. 1986 Beijing

TOPIC	CLASS HOURS	LECTURER
1.Reviews on Solar Physics (3 reviews)	8	Prof. E.N. Parker Univ. of Chicago (U.S.A.)
2.Cosmic Radio Astronomy	6	Prof. M. Morimoto Nobeyama Radio Obs. (Japan)
3.Interstellar Molecular clouds	6	Prof. Y. Fukui Nagoya Univ. (Japan)
4.Evolution of the Sun	6	Prof. J. Kleczek Astro. Inst. (Cze.)
5.Astronomy in China	2	Prof. Wang Shouguan Beijing Obs. (P.R.C.)
6.Miyun Aperture Synthesis Radio Telescope (MASRT)	2	Prof. Wang Shouguan Beijing Obs. (P.R.C.)
7.Telescope for Solar Magnetic Field (TSMF)	2	Prof. Ai Guoxiang Beijing Obs. (P.R.C.)
8.Infrared Astronomy	3	Prof. Hu Jingyao Beijing Obs. (P.R.C.)
9.Quasars	3	Prof. He Xiangtao Beijing Normal Univ.(P.R.C.)
10.Force Free Magnetic Field	3	Prof. Wu Linxiang Peking Univ. (P.R.C.)
11.X-ray and High Energy Astronomy	3	Prof. Yang Haishou Peking Univ. (P.R.C.)
12.Clumpy Galaxies	3	Prof. Ying Qifeng Peking Univ. (P.R.C.)
13.Pulsars	3	Prof. Wu Xingji Peking Univ. (P.R.C.)
14.Observation of Radio Astronomical Spectral Lines	3	Prof. Zhou Tijian Peking Univ. (P.R.C.)

## NAME LIST OF ISYA

Name	Institution	Status	Research field
K.C. Leung	Amateur Astro. Soc. (Hong Kong, China)		
T.S. Poon	Hong Kong Univ. (Hong Kong, China)		
P. Sirisom- boonlarp	Univ. of Tokyo (Thailand)	Graduate Stud.	
R.Songsathaporn	Chiang Mai Univ. (Thailand)		
Y.W. Wong	H.K. Polytechnic (Hong Kong, China)	Graduate Stud.	
P.L. Leung	Hong Kong Univ. (Hong Kong, China)		
C.D. Corfield	Univ. of Oxford (U.K.)	Graduate stud.	Galaxies
J.I. Noumaru	Univ. of Kyoto (Japan)		
Yang Zhiliang	Central China Normal Univ.	Graduate stud.	Astrophys.
Li Xiaonan	Inst. of High Energy Phy. Research	Graduate stud.	Physics
Wang Li	Shanghai Nature Museum		Astrometry
Zhang Qizhou	Nanking Univ.	Graduate stud.	Solar Phy.
Gan Weiqun	Nanking Univ.	Graduate stud.	Solar Phy.
Zhu Jin	Beijing Normal Univ.	Graduate stud.	Celestial mechanics
Zhao Yonghen	Nanking Univ.	Graduate stud.	Pulsars
Fu Haowen	Yunnan Obs.	Graduate stud.	VLBI
Lin Jun	Nanking Univ.	Graduate stud.	Solar phy.
Shi Shengcai	Purple Mt. Obs.	Graduate stud.	Radio astro.
Zang Zhiyun	Purple Mt. Obs.	Graduate stud.	Space astro.
Deng Licai	Purple Mt. Obs.	Graduate stud.	Stellar phy.
Ding Yushan	Purple Mt. Obs.	Graduate stud.	Stellar phy.
Zheng Yong	Purple Mt. Obs.	Graduate stud.	Plasma

Huang Guangli	Purple Mt. Obs.	Graduate stud.	Solar phy.
Lin Jianyu	Purple Mt. Obs.	Graduate stud.	Stellar phy.
Yang Ji	Purple Mt. Obs.	Graduate stud.	Stellar phy.
Xu Shui	Yunnan Obs.	Graduate stud.	Astrometry system
Qin Zheng	Peking Univ.	Graduate stud.	Solar phy.
Guo Junpeng	Peking Univ.	graduate stud.	Space phy.
Peng Yuan	Peking Univ.	Graduate stud.	Solar phy.
Sun Hui	Beijing Normal Univ	Graduate stud.	Interstellar Medium
Mei Man	Beijing Normal Univ	Graduate stud.	Optical astronomy
Peng Wei	Beijing Obs.	Graduate stud.	Stellar phy.
Han Xiaohong	Beijing Obs.	Graduate stud.	Stellar phy.
Xie Xingfa	Beijing Obs.	Graduate stud.	Stellar phy.
Xiang Xueyu	Beijing Obs.	Graduate stud.	Galactic phy.
Tan Xin	Shanghai Obs.	Graduate stud.	Radio astro.
Zhang Weimin	Shanghai Obs.	Graduate stud.	Radio astro.
Chen Xingming	Shanghai Obs.	Graduate stud.	Cosmology
Hou Jinliang	Shanghai Obs.	Graduate stud.	IR astro.
Qin Changyuan	Shanghai Obs.	Graduate stud.	Radio astro.
Wang Zhenjiang	Yunnan Univ.	Graduate stud.	High energy astro.
Wu Wen	Central China Normal Univ.	Graduate stud.	Astrophysics.
Wei Chunyan	Central China Normal Univ.	Graduate stud.	Astrophysics.
Guo Xinjian	Yunnan Obs.	Graduate stud.	Astrometry
Wang Likun	Yunnan Obs.	Graduate stud.	Astrometry
Li Chen	Yunnan Obs.	Graduate stud.	Optical astro.
Tan Shi	Yunnan Obs.	Graduate stud.	Solar phy.
Lu Li	Yunnan Obs.	Graduate stud.	Solar phy.
Shen Jianjun	Yunnan Obs.	Graduate stud.	Radio astro.
Wu Jianxin	Univ. of Xiang Tan	Graduate stud.	Astrophysics.
B.M. Davan	Shiraz Univ. (Iran)	Graduate stud.	
Yupa Vanichai	Srinakarinwirot Univ. (Thailand)		

SCHEDULE AND TIMETABLE FOR XIV ISYA  
Aug. 3-16 1986 Beijing People's Republic of China

Date	Morning		Afternoon		Evening
	Aug.	08:00-11:00	14:30-17:30	18:00-	
2 (Sat.)		R E G I S T R A T I O N			
3 (Sun.)		Registration	Inauguration and Parker's Lecture	Reception Party	
4 (Mon.)		Parker's Lecture	Parker's Lecture	Personal Contacts	
5 (Tue.)		Wu Xingji's Lecture	Kleczek's Lecture	Personal Contacts	
6 (Wed.)		Kleczek's Lecture	Yang Haishou's Lecture	Personal Contacts	
7 (Thu.)		Excursion to Summer Palace	Yin Qifeng's Lecture	Ai Guoxiang's Lecture	
8 (Fri.)		Wang Shouguan's Lecture	Zhou Tijian's Lecture		
9 (Sat.)		Visiting Huairou Station (TSMF)	Excursion to the Great Wall at Mutianguyu	Personal Contacts	
10 (Sun.)		Visiting Miyun Station (MASPT)		and	
11 (Mon.)		Morimoto's Lecture	Morimoto's Lecture	Seminars	
12 (Tue.)		Fukui's Lecture	Fukui's Lecture	for the participants	
13 (Wed.)		Visiting Ancient Astron. Obs. of China	Palace Museum etc.		
14 (Thu.)		Seminar	Free for Personal Arrangement		
15 (Fri.)		Wu Linxiang's Lecture	He Xiangtao's Lecture		
16 (Sat.)		Hu Jingyao's Lecture	Free		
17 (Sun.)		DEPARTURE		Closing Dinner & Party	

## Supplement D

NAME LIST OF XIV ISYA  
ORGANIZING COMMITTEE MEMBERS

Name	Institute	Status
Xing Jun	Peking University	Professor
Zhou Tijian	Peking University	Professor
Wu Xingji	Peking University	Professor
Qian Jingkui	Peking University	
An Jingzhu	Peking University	
Chen Hao	Peking University	
Fang Qing	Peking University	
Chen Ying	Beijing Astronomical Obs.	
Tong Jianhua	Beijing Astronomical Obs.	
Shen Ziexin	Peking University	Graduate stud.
Xu Wenge	Peking University	Graduate stud.
J. Kleczek	Czechoslovakia Astro. Inst.	Professor



BUDGET OF THE XIV ISYA IN BEIJING

1. Lodging of all the participants	US \$3,700
2. Board of all the participants	US \$4,400
3. Traffic	US \$2,600
4. Academic activities (including \$530-as honorarium for lecturers)	US \$940
5. Administrative affair (including \$360 for 12 members of Organizing Committee)	US \$660
Total	US \$12,300


From IAU the school received \$4,500  
and from local sources the school received \$7,800

The travel tickets for teachers have been paid directly by IAU Secretariat. They are not included in this budget.

  
J. Kleczek

Secretary of the School

Xing Jun

  
Vice Director of the School

  
Qian Jingkui

Secretary of the School