

2nd Circular of bMASR2018

Dear Colleague:

Thank you very much for a great contribution to bMASR2018. Please look at the future information of our meeting.

1. Scientific program:

Date	Time	Program	Location
October 23rd	8:00 – 18:00	Registration	Lobby of 5# Building
	19:00-20:00	Welcome Reception	Restaurant at 1 st floor of 5# Building
October 24th	8:30 – 8:50	Opening Remark (2)	Multi-Function Hall at 3 rd floor of Conference Building
	8:50 – 9:50	Invited Talk (2)	
	9:50 – 10:30	Facility Report (2)	
	10:30 – 11:00	Tea Time, Group Photo	
	11:00 – 11:40	Facility Report (2)	
	12:00 – 13:00	Lunch	Restaurant at 1 st floor of 5# Building
	13:00 – 14:00	Poster Session*	
	14:00 – 16:00	Scientific Session I (6)	
	16:00 – 16:20	Tea Time	
	16:20 – 18:40	Scientific Session II (7)	
	19:00 – 21:00	Banquet at Meizhou DongPo	Take bus in front of 5# Building at 19:00
October 25th	8:30 – 9:30	Invited Talk (2)	Multi-Function Hall at 3 rd floor of Conference Building
	9:30 – 10:10	Facility Report (2)	

	10:10 – 10:30	Tea Time	
	10:30 – 11:10	Facility Report (2)	
	11:10 – 11:50	Scientific Session III (2)	
	12:00 – 13:00	Lunch	Restaurant at 1 st floor of 5# Building
	13:00 – 14:00	Poster Session*	
	14:00 – 16:00	Scientific Session IV (6)	
	16:00 – 16:20	Tea Time	
	16:20 – 18:40	Scientific Session V (7)	
	18:40 – 18:50	Concluding Remark	
	19:00 – 21:00	Dinner	Restaurant at 1 st floor of 5# Building
October 26th	9:00 – 10:30	Huairou Science City	Take bus in front of 5# Building at 9:00
	11:00 – 12:00	Lunch	Country restaurant
	12:00 – 17:00	Free Discussion at the Mutianyu Great Wall	
	19:00 – 21:00	Dinner	
October 27th	5:00 – 12:00	Departure	Take bus in front of 5# Building

* **Poster presentation:** All posters should be presented for 2 days. The maximal size to fix the poster is 100 cm (W) by 240 cm (H). Fixing materials will be prepared.

** **Oral presentation:** Computer will be prepared and both Windows and MAC should be adaptive. The volunteer will help you to check its availability.

2. Details of program:

October 24 th		
8:30 – 8:50	Opening Remark	Jongki Kim
	Masami Ando, Welcome; 5 min. JIANG Xiaoming, Welcome and introduce of Huairou Science City; 15 min.	

Invited Talk		Alberto Bravin
8:50 – 9:20	HU Jianzhong <i>SRμCT reveals 3D ultrastructural alteration of vascular and neuronal network in a chronic compressive thoracic spinal cord injury</i>	(ID: 57)
9:20 – 9:50	Giovanni Mettivier <i>Microbeam radiation therapy for breast cancer: simulations and first measurements</i>	(ID: 22)
Facility Report		Alberto Bravin
9:50 – 10:10	Goran Lovric <i>Multiscale and ultra-fast biomedical X-ray phase contrast imaging at the TOMCAT beamline</i>	(ID: 70)
10:10 – 10:30	Dean Chapman <i>X-ray optics for biomedical imaging applications at the Canadian Light Source</i>	(ID: 37)
10:30 – 11:00	Tea Time, Group Photo	
Facility Report		Rongchang Chen
11:00 – 11:20	Giuliana Tromba <i>Biomedical imaging at the SYRMEP beamline of elettra: status and perspectives</i>	(ID: 50)
11:20 – 11:40	Kazuyuki Hyodo <i>X-ray experimental stations for medical imaging at the Photon Factory: Facility Report</i>	(ID: 55)
12:00 – 13:00	Lunch	
13:00 – 14:00	Poster Session	
Scientific Session I		Dean Chapman
14:00 – 14:20	Won-seok Chang <i></i>	(ID: 25)

	<i>Wave propagation simulation and dark field imaging-computed tomography study elucidates the cause of contrast loss in transcranial diffraction-based brain imaging</i>
14:20 – 14:40	Gang Li (ID: 72) <i>Hard X-Ray Imaging beamline of HEPS</i>
14:40 – 15:00	Goran Lovric (ID: 1) <i>High-resolution preclinical pulmonary imaging: from micrometers to clinical relevance</i>
15:00 – 15:20	Giacomo Barbone (ID: 4) <i>3D detection of cellular neurodegeneration in Alzheimer's Disease via multi-scale X-ray phase contrast micro- and nano-CT</i>
15:20 – 15:40	Christian Dullin (ID: 6) <i>Propagation based phase contrast in lung research – towards virtual lung biopsy in patients</i>
15:40 – 16:00	Emmanuel Brun (ID: 14) <i>Developments on speckle based phase contrast imaging: from synchrotron to conventional sources</i>
16:00 – 16:20	Tea Time
Scientific Session II	
16:20 – 16:40	Caroline Bissardon (ID: 7) <i>Role of selenium nanoparticles to dampen the metastatic potential of aggressive cancer cells</i>
16:40 – 17:00	Elette Engels (ID: 9) <i>Enhancing tumour selectivity with high-Z metal oxide nanoparticles in synchrotron microbeam radiation therapy</i>
17:00 – 17:20	Elisabeth Schülke (ID: 20)

	<i>Microbeams as integrated boost in a conventional radiotherapy schedule: early or late?</i>
17:20 – 17:40	Michael Lerch (ID: 30) <i>Model and validation of the imaging and medical beamline at the Australian synchrotron for microbeam radiation therapy</i>
17:40 – 18:00	Alberto Bravin (ID: 33) <i>Synchrotron-generated microbeams induce hippocampal transections in rats</i>
18:00 – 18:20	Paolo Pelliccioli (ID: 34) <i>Details count! Micrometric air gaps between phantom slabs influence dose evaluation with radiochromic film when micro-fractionated x-ray beams are used</i>
19:00 – 21:00	Banquet

October 25th	
Invited Talk Giuliana Tromba	
8:30 – 9:00	Fulvia Arfelli (ID: 46) <i>The breast CT project at the Italian Synchrotron ELETTRA</i>
9:00 – 9:30	Yuhui Dong (ID: 71) <i>The HEPS project and its beamlines of phase I</i>
Facility Report Giuliana Tromba	
9:30 – 9:50	Rajmund Mokso (ID: 56) <i>The MAX IV imaging group consists of four beamlines: NanoMAX in user operation and commissioning, SoftiMAX and DanMAX in construction and MedMAX in design phase</i>
9:50 – 10:10	Alberto Bravin (ID: 59) <i>ID17 biomedical beamline of the ESRF: recent achievements and future perspectives</i>

10:10 – 10:30	Tea Time
Facility Report	
	Daniel Hausermann
10:30 – 10:50	Rongchang Chen (ID: 61) <i>X-ray biomedical imaging and its applications at SSRF</i>
10:50 – 11:10	Daniel Hausermann (ID: 63) <i>Towards clinical imaging and radiotherapy of human patients: an overview of the IMBL</i>
Scientific Session III	
	Daniel Hausermann
11:10 – 11:30	Ning Zhu (ID: 16) <i>UFO-KIT reconstruction software and user friendly imageJ GUI for biomedical imaging community</i>
11:30 – 11:50	Alberto Mittone (ID: 17) <i>X-ray phase-contrast imaging applied to ophthalmology</i>
12:00 – 13:00	Lunch
13:00 – 14:00	Poster Session
Scientific Session IV	
	Rajmund Mokso
14:00 – 14:20	Alessandro Olivo (ID: 21) <i>Fast approaches to laboratory-based X-ray phase contrast CT allowing translation into clinical intra-operative specimen imaging</i>
14:20 – 14:40	Piernicola Oliva (ID: 26) <i>Energy optimization of Contrast-to-Noise Ratio in monochromatic breast CT</i>
14:40 – 15:00	Marcus Kitchen (ID: 28) <i>CT dose reduction factors in the thousands using X-ray phase contrast</i>
15:00 – 15:20	Gary Ruben (ID:)

	29) <i>Towards single-shot Compton Tomography of small animals</i>
15:20 – 15:40	Ralf-Hendrik Menk (ID: 31) <i>Detector development for biomedical applications at Elettra</i>
15:40 – 16:00	Johannes Stroebel (ID: 36) <i>Multiscale X-ray imaging of cartilage for investigation of osteoarthritis Development</i>
16:00 – 16:20	Tea Time
Scientific Session V	
	Goran Lovric
16:20 – 16:40	Nicolas Rosuel (ID: 40) <i>Dosimetry for synchrotron imaging techniques</i>
16:40 – 17:00	Alberto Bravin on behalf of Alessia Cedola (ID: 42) <i>X-ray Phase Contrast Tomography reveals early vascular alterations and neuronal loss in neurological disorders</i>
17:00 – 17:20	Ralf-Hendrik Menk (ID: 45) <i>Contrast enhancement evaluation in Analyzer Based Lung Imaging of mice</i>
17:20 – 17:40	Arash Panahifar (ID: 47) <i>Spectral K-edge Subtraction Imaging in live rats</i>
17:40 – 18:00	Michela Fratini (ID: 49) <i>3D investigation of the neuronal and vascular networks in mouse model using a Multimodal experimental approach</i>
18:00 – 18:20	Alessandra Giuliani (ID: 52) <i>Advanced 3D imaging of uterine leiomyoma's morphology by phase-contrast microtomography</i>
18:20 – 18:40	Sam Bayat (ID: 58) <i>Investigating Lung Structure and Function with Synchrotron Light: The Past, The Present and The Future</i>

18:40 – 18:50	Concluding Remark
19:00 – 21:00	Dinner

3. Shuttle Bus:

(1) From Beijing Capital Airport T3 to Kuangou Conference Center:

Departure time: 9:00, 13:30, and 17:30, 23 Oct. 2018.

Pick-up spot: parting area for Mini-bus and hotel shuttle Bus, at B02 Lane of B Area, B1 level of the Parking Building of Terminal 3, Beijing Capital Airport.

* Our Mini-bus has an indicator bMASR2018 in its front window.

* If you arrive too late to take the 3 bus, a car will be arranged to pick up you.

Pick-up spot is same.

* If you arrive at the terminal 2 of Beijing Capital Airport, please take the shuttle bus that is connecting the terminal 2 and terminal 3 in every 10min about taking 20 min. The round route of this bus will be as follows: boarding bus at gate 7 for arrival at terminal 2 --> gate 7 for arrival at terminal 1 for domestic flight --> getting off a bus at gate for departure at terminal 3.

(2) From Kuangou Conference Center to Beijing Capital Airport T2 and T3:

Departure time: 5:00, 7:00, 9:00 and 12:00, 27 Oct. 2018.

Pick-up spot: front of 5# Building of Kuangou Conference Center.

Emergency call: 2 staffs of IHEP will wait you with the shuttle bus. If you need, please call them. Dr. Chen Yu: (+86) 13810107107; Dr. Zhang Jie: (+86) 13426198534.

4. Public transportation to Kuangou Conference Center

(1) If you depart from the urban area, please take subway Line 2, and take out from B1 Exit at Dongzhimen(东直门) station. If you depart from airport, you can take the subway of Airport Express from Terminal 3 or Terminal 2 to Dongzhimen (东直门) Subway Station.

(2) Please find the Entrance of Bus Terminal Station and take the public bus 916 FAST (916 快) to Mingzhu Square (明珠广场), than take taxi to the East Gate of Kuangou Conference Center (宽沟会议中心).

* It will take 20 min. from Terminal 2 to Dongzhimen or 30 min. from Terminal 3 to Dongzhimen by Airport Express, the ticket cost is 25 RMB one person.

** It will take about 1 hour from Dongzhimen to Mingzhu Square by 916 FAST, the ticket cost is about 12 RMB one person. Service time is from am 4:50 to pm 7:50, bus interval is about 10 min..

*** It will take 15 min. from Mingzhu Square to Kuangou Conference Center, taxi cost is about 30 RMB.



5. Registration

Registration fee is 3000 RMB for regular member and 1500RMB for students, spouse and accompanying person. Please visit reception desk of our meeting in the lobby of 5# building of Kuangou Conference Center for your registration:

- (1) please show your payment document in case of payment in advance being done by bank transfer.
- (2) please pay registration fee in case of choosing payment either by credit card or by cash on site.
- (3) please receive a receipt; in case of needing another form of receipt please request us to prepare it

accordingly.

(4) please go to the reception of the hotel for check in.

Have a safe and comfortable trip to Beijing. See you soon in Kuangou Beijing.

Sincerely yours,

Masami Ando, Gang Li, Rui Sun, Jie Zhang, Wei He, Qiru Yi

How to find the Pick-up spot: @ parting area for Mini-bus and hotel shuttle Bus, at B02 Lane of B Area, B1 level of the Parking Building of Terminal 3, Beijing Capital Airport.

(1) At the 2nd floor of terminal 3, please find the Exit B (The only exit for international passages who arrive at terminal 3.) Then it is very easy to find the following indicator for **Parking and Airport Express**.



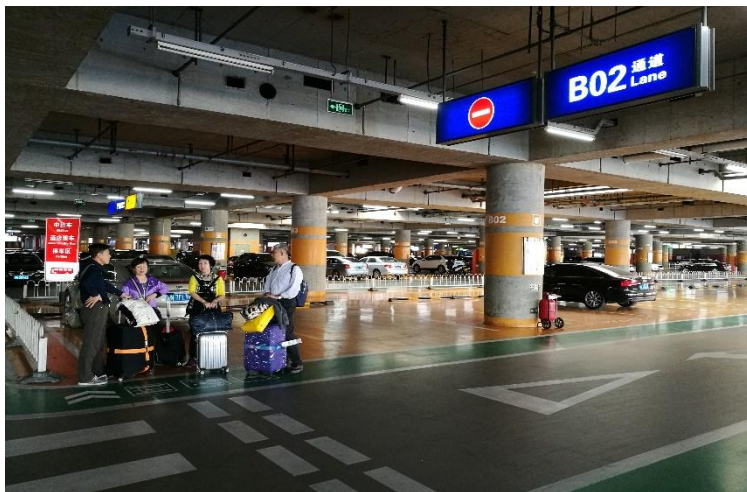
(2) Following the indicator take the escalator to arrive at the EXIT lobby showing below.



(3) Go down to the Parking area at B1 level using the escalator for parking.



(4) Please find the Parking B area in your left, then go to Lane B02 to find our bus with the indicator bMASR2018 in its front window.



(5) Please using the following map for a whole information

Bus time table: 9:00, 13:30, 17:30

Emergency telephone call: +86 13810107107 (Chen Yu); +86 13426198534 (Zhang Jie)

