
Beijing



China

Asia-Pacific Symposium on Radiochemistry- 05

October 17 (Mon) — 21 (Fri), 2005

The 3rd Circular

Final Announcement

Asia-Pacific Symposium on Radiochemistry 2005

(APSORC - 05)

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1. Program

The first registration day is Sunday, Oct. 16, at the Grand View Garden Hotel, starting at 3:00 pm. There will be a reception, the same day, from 5:00 pm to 7:00 pm, Oct. 16, at the Grand View Garden Hotel. All participants are invited to attend the reception. The conference will begin on Monday, Oct. 17 at 8:30 am and end on Friday, Oct. 21 at 12:45 am. The scientific program will commence with plenary lectures followed by oral presentation at each session. The plenary sessions will consist entirely of invited talks. Contributed papers are reviewed and selected for presentations either in oral sessions or in poster sessions.

1.1 Hevesy Award Ceremony & Lecture

On Monday morning, Oct. 17, the conference will start with a special session for the Hevesy Award. In 2005, three scientists, Professor Zhifang CHAI (China), Professor Gregory CHOPPIN (USA), and Professor Nicholas M. SPYROU (U.K.) received the Hevesy Awards. In APSORC2005 conference, the chairman of Hevesy Medal Selection Panel (HMSP) 2005, Prof. Amares Chatt, will award Prof. Chai a Hevesy Medal and Scroll, and a Hevesy Award Lecture will be given by Prof. Chai.

1.2 Plenary lectures

Only computer-aided projectors (for Microsoft PowerPoint presentations only) are available, unless other equipment is requested. Authors are requested to hand-over an electronic copy (on CD or USB flash-drive memory stick) of their MS Powerpoint presentation at the registration desk one day before presentation. Projection of presentations from personal lap-top computers will not be accepted because oftentimes the compatibility problems will waste the valuable conference time.

Time for plenary lecture is 30 min in total including 5 min for questions/discussion. The 30 min period will be strictly enforced to keep the conference on schedule, and Session Chairmen have been instructed to adhere strictly to the program.

The list of the invited plenary lecturers:

H. Q. Zhang (Beijing, China), Oct. 17, AM

—Nuclear halo and its related reactions

S. M. Qaim (Juelich, Germany), Oct. 17, AM

—Recent advances in radiochemical studies of low and intermediate energy nuclear reactions

M. Itkis (Dubna, Russia), Oct. 17, PM

—The peculiarities of the production and decay of super heavy nuclei

Y. Nagame (Tokai, Japan), Oct. 17, PM

—Radiochemical studies of the transactinide elements at JAERI

S. Hoffman (GSI, Germany), Oct. 17, PM

—Study of superheavy elements at the GSI-SHIP

K. Morita (RIKEN, Japan), Oct. 17, PM

—Synthesis of element 113 in the reaction $^{209}\text{Bi}(^{70}\text{Zn},n)^{278}113$

H. Gaeggeler (PSI, Switzerland), Oct. 18, AM

—Towards a table-top accelerator mass spectrometry device – status and perspectives

P. Bode (Delft, Netherlands), Oct. 18, AM

—New horizons for nuclear and radioanalytical chemistry laboratories

V. P. Kolotov (Russia), Oct. 18, AM

—Investigation of distribution of platinum group elements in geological samples by means of digital gamma-activation autoradiography and some competitive methods

J. Vogel (Livermore, USA), Oct. 18, PM

—Radio-tracing “without” radioactivity: accelerator mass spectrometry in biomedicine

A. Chatt (Dalhousie, Canada), Oct. 18, PM

—Speciation of arsenic in seafoods by HPLC coupled neutron activation analysis

Y. L. Zhao (Beijing, China), Oct. 18, PM

—Nuclear techniques probing nanotoxicology (nanosafety issues) and nanotechnology

Enrico Sabbioni (Varese, Italy) Oct. 18, PM

Y. Maeda (Kyushu, Japan), Oct. 19, AM

—Mössbauer spectroscopy-nuclear hyperfine technique for studying dynamic chemical states of iron complexes

B. L. Liu (Beijing, China), Oct. 19, AM

—Current status of radiopharmaceuticals in China

Y. J. Zhu (Beijing, China), Oct. 20, AM

—Prospects of nuclear fuel cycle in china and challenges to radiochemists

S. B. Clark (Washington, USA), Oct. 20, PM

—Actinide environmental radiochemistry: the partitioning of plutonium and other actinides to soils and sediments

H. Nitsche (Berkeley, USA), Oct. 20, PM

—Actinides and environmental interfaces: striving for molecular-level understanding

K. Kondo (KEK, Japan)

—Radioactive airborne species and radiolytic products formed in the air in high-energy accelerator tunnels

M. Schaedel (GSI, Germany), Oct. 21, AM

—Chemical separation and characterization of superheavy elements – Physical, chemical, technological and metrological challenges

1.3 Oral presentation

Time for oral presentation will be 15 min in total including 3 min for questions. The 15 min period will be strictly limited.

1.4 Poster presentation

The Poster Session I will open its doors for general display, Monday, Oct. 17, 13:00 pm. Participants selected to present their Abstracts at Poster Session I are asked to post them on Monday, Oct. 17, from 13:00 pm- 17:00 pm. Poster presenters should be present to answer questions from 5:00 pm to 6:45 pm, Oct. 17 (Monday). The display will be open to view until Tuesday, Oct. 18, 12:00 am. Posters of this Session will be picked off before Oct. 18, 12:00 am.

The Poster Session II will open its doors for general display, Tuesday, Oct. 18, 13:00 pm. Participants selected to present their Abstracts at Poster Session II are asked to post them on Tuesday, Oct. 18, from 13:00 pm- 17:00 pm. Poster presenters should be present to answer questions from 5:00 pm to 6:45 pm, Oct. 18 (Tuesday). The display will be open to view until Wednesday, Oct. 19, 12:00 pm. Posters of this Session will be picked off before Oct. 19, 12:00 am.

Please note that the Poster boards are both Velcro and pushpin friendly. A 90 cm width and 120 cm height board will be allotted for each poster display. Authors are advised to prepare posters of good quality. The title of the poster should be the same as that given in the submitted abstract. It should have a lettering at least 1.5 cm high. The names of all authors and their affiliations should be clearly given. Drawings, charts, photographs, tables and figures included in the poster should be of high quality. Please ensure that all text and diagrams are easily readable from a distance of 1 to 1.5 meters. The recommended minimum text size is 24 point. If possible, have A4 copies of your poster available to hand out to interested colleagues.

1.5 Overview of the APSORC2005 Schedule

See the next page (page 5).

2. Scientific Program

The preliminary scientific program is released and available on the conference website: <http://www.ihep.ac.cn/apsorc2005>.

APSORC 2005 Session Programme

	10/16 (SUN)	10/17 (MON)	10/18 (TUE)	10/19 (WED)	10/20 (THU)	10/21 (FRI)
08:30-09:00						
09:00-09:15		Opening Ceremony	Gaggeller, S3-I-1	Maeda, S5-I-1	B.L. Liu, S6-I-1	Schaedel, S9-I-1
09:15-09:30		Hevesy Award Ceremony	Bode, S3-I-2	W.Y. Feng, S4-O-09 Yamazaki, S4-O-10	Y.J. Zhu, S7-I-1	Bernhard, S9-O-01 W.S. Wu, S9-O-02
09:30-09:45		Hevesy Medal Award Lecture, Z.F. Chai	Wesphal, S3-O-01 Fukushima, S3-O-02	H. Shen, S4-O-11 Takeda, S4-O-12	X.Y. Wang, S6-O-01 Y.M. Wang, S6-O-02	Q.C. Xu, S9-O-03 Y.S. Wang, S9-O-04
10:00-10:15		Coffee Break	Coffee Break	Coffee Break	Tarkanyi, S6-O-03 Coffee Break	Coffee Break
10:15-10:30		H.Q. Zhang, S1-I-1	Kolotov, S3-I-3	Shuddhodan, S4-O-13 Oura, S4-O-14	Coffee Break Y.J. Zhao, S6-O-04	Martinez, S10-O-01 Lönnerth, S10-O-02
10:30-10:45						
10:45-11:00		Qaim, S1-I-2	Hatsukawa, S3-O-03 X.Z. Zhang, S3-O-04	J.M. Chen, S4-O-15 M.G. Tan, S4-O-16	Arstad, S6-O-05 W. Fan, S6-O-06	X.G. Liu, S7-O-05 Q.B. Wang, S7-O-06
11:00-11:15						
11:15-11:30		Z.Z. Ren, S1-O-01	Nascimento Filho, S3-O-05	Vendo, S4-O-17	D.Z. Yin, S6-O-07	Lehto, S10-O-04
11:30-11:45		Gomes, S1-O-02	Navarrete, S3-O-06	Y.S. Chung, S4-O-19	Gourami, S6-O-08	Young Scientist Session
11:45-12:00		Wolski, S1-O-03	Jojo, S3-O-07	J.Y. Chai, S4-O-20	N. Liu, S6-O-09	Closing ceremony
12:00-12:15		Vlastou, S1-O-04	Bakiev, S3-O-08	G. M. Xing, S4-O-21	P.Y. Mu, S6-O-10	
12:15-12:30			W.H. Zhang, S3-O-09			
12:30-12:45		Lunch	Lunch	Lunch	Lunch	Lunch
12:45-13:00						
13:00-13:15						
13:15-13:30						
13:30-14:00		Irkis, S2-I-1	Vogel, S4-I-1	Excursion	Clark, S8-I-1	
14:00-14:30		Nagame, S2-I-2	Chatt, S4-I-2		Nitsche, S8-I-2	
14:30-14:45		Schumann, S2-O-01	de Corre, S4-O-01		Kondo, S8-I-3	
14:45-15:00		Z. Qin, S2-O-02	W.Z. Tian, S4-O-02		J.M. Zhang, S6-O-11	Geipel, S8-O-01
15:00-15:15		Bondar, S2-O-03	Mimowa, S4-O-03		Kuznetsov, S6-O-12	Lehto, S8-O-02
15:15-15:30	Registration	Royer, S2-O-04	Nakamura, S4-O-04		J.J. Wang, S6-O-13	Hirose, S8-O-03
15:30-15:45	Desk open	Coffee Break	Coffee Break		T.W. Chu, S6-O-14	Das, S8-O-05
15:45-16:00		Hofmann, S2-I-3	Y.L. Zhao, S4-I-3		Shukla, S6-O-15	Wörman, S8-O-06
16:00-16:15		Morita, S2-I-4	Sabbioni, S4-I-4		Coffee Break	Coffee Break
16:15-16:30					J.Z. Du, S8-O-07	
16:30-16:45						
16:45-17:00		Sakamoto, S2-O-05	Misalides, S4-O-06		Bondareva, S8-O-08	
17:00-17:15		Yakushev, S2-O-06	Hongfang Sun, S4-O-07		Sakaue, S8-O-09	
17:15-17:30		Dmitriev, S2-O-07	Yukawa, S4-O-08		Ghose, S8-O-10	
17:30-17:45		Coffee Break & Poster Session S1, S2, S3, S4, S5	Coffee Break & Poster Session S6, S7, S8, S9		S.Q. Zhao, S8-O-11	
17:45-18:00					X.K. Wang, S8-O-12	
18:00-18:15					Nagao, S8-O-13	
18:15-18:30					X.B. Xia, S8-O-14	
19:00-	Get together	Dinner	Dinner	Banquet	Dinner	
20:30-		Committee meeting			Committee meeting	

3. Proceedings

3.1 General information

An abstract book will be published by the organizing committee and available at the conference. Proceedings of the conference, containing written versions of selected contributed papers (including oral and poster presentation), will be peer reviewed and published at *JRNC (J. Radioanalytical Nuclear Chemistry)*. The submission for the publication is based on a volunteer principle. Following the tradition of the APSORC conference, the invited papers will be still published as a special issue of *Journal of Nuclear and Radiochemical Sciences*. Each registered participant can submit one full paper that must be presented at the conference. And each participant will receive a copy of the proceedings by mail after the conference, the cost of which is included in the registration fee. In order to publish the proceedings in a timely manner, we encourage the authors to submit your manuscripts (in English) before the conference preferably by email attachment files to the following addresses.

Dr Zhiyong Zhang
Institute of High Energy Physics, CAS
P. O. Box 918, Beijing,
Yu Quan Lu 19, Beijing 100049, China.
Tel: +86-10-8823-3215
Email: apsorc2005@mail.ihep.ac.cn
And meanwhile forward to zhaoyuliang@gmail.ac.cn

If you want to submit the manuscript during the conference Registration (Sunday, Oct 16 through Thursday, Oct. 20, 2005), you need to submit both electronic version (on 3.5 inch floppy diskette) and two hard copies. Please use the Microsoft Word for the manuscript preparation.

3.2 The maximum length of paper

The maximum length of the manuscript is,

(1) 5-6 printed Journal pages for an invited paper to be published at *Journal of Nuclear and Radiochemical Sciences*. It approximately equals to 15-18 pages of a double space manuscript, with font size of 12 points Times New Roman, including the text, figures, tables, legends, and references, etc.

(2) 4 printed Journal pages for an oral contribution paper to be published at *J. Radioanalytical Nuclear Chemistry*. It approximately equals to 12 pages of a double space manuscript, with font size of 12 points Times New Roman, including the text, figures, tables, legends, and references, etc.

(3) 4 printed Journal pages for a poster contribution paper to be published at *J. Radioanalytical Nuclear Chemistry*. It approximately equals to 12 pages of a double space manuscript, with font size of 12 points Times New Roman, including the text, figures, tables, legends, and references, etc.

Manuscript preparation guidelines are attached at the end of this 3rd circulation.

4. Technical Exhibition

The conference has organized a technical exhibition that is open to companies and industries related to radiochemistry and nuclear chemistry. Companies interested in participating in this exhibition are invited to contact the Conference Coordinator (Dr Diandou Xu) at apsorc2005@mail.ihep.ac.cn. The exhibitors will have a booth located at the conference floor. Set up time of the exhibitors is Monday, Oct, 17, 9:00 a.m.-12:00a.m., breakdown is Friday, Oct, 21, 10:00 am.

5. Registration

5.1 Registration

Participants who have not registered are requested to complete the registration form as soon as possible, which can be found on: <http://www.ihep.ac.cn/apsorc2005>. We encourage you to submit your registration form by email or fax as indicated. Please notice that even if your payment cannot be made until the day of the conference, your immediate registration is important for us.

- Early registration until July 30, 2005: \$300
- Late registration beginning August 1, 2005: \$400

5.2 Refund policy

In the event of cancellation of registration, a full refund less US \$50 handling fee will be made, provided written notification is received by FAX or e-mail by September 16, 2005. No refunds will be given after that date.

6. Important Dates and Deadlines

- (1) The 3rd announcement and final program: September 1, 2005.
- (2) Submission of full papers: from September 1 - October 20, 2005.
- (3) Conference: Monday, October 17, 8:30 am – Friday, October 21, 12:45 pm.
- (4) Deadline for Lodging: Friday, September 17, 2005.
- (5) Pre & Post-Tours reservation: Oct 1, 2005.
- (6) Excursion registration (free): from Oct 16, 2:00 pm - Oct 17, 3:00 pm, 2005.

7. Accommodations

Reminder:

All conference attendees who plan to stay at the Grand View Garden Hotel need to fill in the Hotel Reservation Form as being available in the conference website. The deadline for reserving rooms is **September 17, 2005**. After this date, discount rooms reserved by the local organizing committee will be not available. Please reserve your room(s) as soon as possible. Guests arriving prior to or leaving after the program dates may make room reservations through the APSORC2005 conference, please email your request to Dr Diandou XU at email

addresses apsorc2005@mail.ihep.ac.cn, and meanwhile forward to zhaoyuliang@gmail.com.

8. Transportation

- (1) **Taxi:** Participants can make their own way to the Grand View Garden Hotel by Taxi. The distance between the airport and the Hotel is about 40 km and the fare is about 25 USD. If you take the Taxi to the hotel, please show the following tag ① to the taxi driver.
- (2) **Airport shuttle bus:** Participants may take the airport shuttle bus from the airport to the Xidan (the fare is 16 RMB, about equal to 2 USD), and then take taxi to the Grand View Garden Hotel (the fare is about 20 RMB, about equal to 2.5 USD). If you take the airport shuttle bus to Xidan, please show the following tag ② to the airport staff or any one nearby you. When you are in Xidan, you need to take taxi to the Grand View Garden Hotel, please show the tag ① to the taxi driver.
- (3) **A special shuttle bus:** Sunday, Oct. 16, a transportation company will provide a special shuttle bus from the Airport to the Grand View Garden Hotel. The guests of APSORC2005 conference can take this bus directly to the Hotel with the fare of about 12 USD each person. It will be available between 10:00 am and 22:00 pm that day. (There will be guiders holding a board of APSORC at the airport to show you the shuttle bus). If your arrival time is at the mid night or early morning, please contact the conference coordinator who may arrange for a taxi to pick you up to the hotel.

① If you take taxi, please show this to the taxi driver
请送我到“大观园饭店”
Please send me to Grand View Garden Hotel.

② If you take airport shuttle bus, please show this
to the airport staff or any one nearby you
请告诉我，在哪里乘民航班车去“西单”
Please tell me where the airport shuttle bus to Xidan is.

If the participants who are planning to arrange for their private sightseeing before or after the conference, please visit the following website <http://www.hyhds.com/r-8-1.asp> for assistance.

9. Excursions

(1) Line 1: **The Great Wall** (start at 13:00pm, Wednesday, Oct. 19). For introduction about **The Great Wall**, please visit: <http://www.badaling.gov.cn/english/history/history.htm>

(2) Line 2: **The Summer Palace** (start at 13:00pm, Wednesday, Oct. 19). For introduction about **The Summer Palace**, please visit: <http://www.chinavista.com/travel/yuheyuan/home.html>

10. Accompanying Person's Program

A program arranged by the Secretariat will provide accompanying persons an opportunity to appreciate traditional Chinese culture. The following tickets can be purchased at the registration desk during the conference, no later than 15:00 on the day before the tour.

Date	Morning tour line/cost	Afternoon tour line/cost
Oct.17 (Mon)	Forbidden City / USD 25	
Oct. 18 (Tue)	Summer Palace / USD 20	Beijing Hutong / USD 20
Oct.19 (Wed)		Excursion / Great Wall or Summer Palace (free)
Oct.20 (Thu)	Temple of Heaven / USD 20	Forbidden City / USD 25
Oct. 21 (Fri)	Summer Palace / USD 20	Beijing Hutong / USD 20

11. Post Conference Tour

Two tour lines will be organized for the Symposium participants.

1. Post-tour line 1: To the roof of the world

Tentative schedule: begin on October 22 and back to Beijing on Oct.28

-Day 01 morning take flight from Beijing to Chengdu, the repository of many of China's cultural treasures. After lunch a tour of the Panda Base, a study center that is home to more than 20 pandas. overnight at Chengdu.

-Day 02 morning take flight from Chengdu to Lhasa, a city located at an elevation of 12000 feet. Transfer from the airport to Lhasa Hotel. The rest of the day is free for acclimating to the altitude, overnight in the hotel.

-Day 03 full day tour of the Tibet Museum and the Potala Palace, the symbol of Tibetan Buddhism, lunch and dinner at local restaurants.

-Day 04 drive to Gyangze, visit the Baiju Monastery along the way, lunch and dinner at local restaurants, overnight at local Hotel.

-Day 05 drive to Xigaze, visit the Tashtlunpo Monastery, lunch and dinner at local restaurants, overnight at Xigaze Hotel.

-Day 06 return to Lhasa, visit the Jokhang Monastery and Burkhor Street, overnight at Lhasa

Hotel.

-Day 07 flight from Lhasa to Chengdu and Beijing.

5 nights at 4-star hotel,1 night at Gyangze Hotel(3-star and best available)

-English-speaking local guides and air-conditioned coach

-Entry-permission to Tibet and travel insurance.

Estimated price		
Number of tourists is needed	Price for each	Price difference if a single-bed room
2 - 10	\$ 1890	+\$300
Above 10	\$ 1540	+\$300

2. Post tour line 2: To the ancient Silk Road route

Tentative schedule: begin on October 22 and back to Beijing on Oct. 29.

-Day 01 flight from Beijing to Xian, r/t transfers, overnight at Garden Hotel or similar, evening Tang Dynasty Dinner Show.

-Day 02 full day excursion to Terra-Cotta Warriors and Horses, Shanxi Historical Provincial Museum and City Wall.

-Day 03 morning flight from Xian to Dunhuang,after lunch visit the Ming Shashan Moutain and the Famulous crescent Moon Spring, overnight at Dunhuang hotel.

-Day 04 morning tour of Mogao Grottoes, then drive to Liuyuan for overnight train Liuyuan-Turpan, lunch and dinner at local restaurants

-Day 05 arrive in Turpan, visit the Thousand Buddha Caves, Gao Chang Ancient City, the Flaming Moutain and Karez Well, overnight at Oasis Hotel.

-Day 06 drive to Urumqi, afternoon visit Nanshan Pastureland, a typical Kazahk Family, overnight at local Hotel.

-Day 07 full day tour of the Heavenly Lake.

-Day 08 flight from Urumqito Beijing, r/t transfers.

Estimated price		
Number of tourists is needed	Price for each	Price difference if a single-bed room
2 - 10	\$ 1600	+\$150
Above 10	\$ 1300	+\$150

12. Correspondence

All correspondence pertaining to the scientific program should be sent via e-mail to:
Yuliang Zhao

Institute of High Energy Physics, CAS

P. O. Box 918, Beijing, Yu Quan Lu 19, Beijing 100049, China.

Tel: +86-10-8823-3191 /+86-10-8191-2172

Email: zhaoyuliang@gmail.com or zhaoyuliang@ihep.ac.cn

Please address all other correspondence pertaining to lodging and registration to the conference coordinator:

Diandou Xu

Key Lab. for Nuclear Analytical Techniques,

Institute of High Energy Physics, CAS

P. O. Box 918, Beijing,

Yu Quan Lu 19, Beijing 100049, China.

Email: apsorc2005@mail.ihep.ac.cn

13. Further Information

-Updated information, including links to useful sites, can be found on the conference website: <http://www.ihep.ac.cn/apsorc2005>.

-Both the first and second announcement can be found at our website, <http://www.ihep.ac.cn/apsorc2005>.

-Please circulate this announcement to potentially interested colleagues, particularly younger scientists and students.

-For some general information such as,

- **The map around the conference place,**
- **Grand View Garden Hotel,**
- **Money Exchange,**
- **Electricity,**
- **Climate,**
- **Time zone, etc.,**

please refer to the **Preliminary Scientific Program** on the conference website:

<http://www.ihep.ac.cn/apsorc2005>.

14. Attachment: Manuscript preparation guidelines

The detail format of the manuscript for invited papers from website of *Journal of Nuclear and Radiochemical Sciences* (<http://www.radiochem.org/j-online.html>), and for the contributed papers can be found from the Springer's website of *J. Radioanalytical Nuclear Chemistry*, or refer to the "Manuscript Preparation Guideline" below.

I. "Manuscript preparation guideline" for *J. Radioanalytical Nuclear Chemistry*

The right is reserved to edit manuscripts to conform with the policy of the Journal and refuse or send back for rewriting those, not taking into account the instructions to contributors or are suggested for revision by the reviewer.

Manuscript presentation

Manuscripts should be typed (printed) with a brand new black ribbon, double spaced, on one side of a good quality paper with generous margins (not more than 24 lines in a page and 60 characters in a line). The front page should bear the title of the paper, the name(s) of the author(s): initial (s) and last name and the name and postal address (including email) of the institution(s), where the author(s) belong to.

An abstract of 50 to 100 words should precede the text of the paper.

Authors are requested to begin the paper with a short introduction, and then arrange its contents according to the following headings: Introduction, Experimental, Results, Discussion, Conclusions, Acknowledgement (if any), References, and to follow with tables, caption of figures and figures. The approximate location of tables and figures should be indicated on the margin.

References

The citations should include the reference number as an exponent. A list of numbered references should be placed at the end of the text. Reference to periodicals should mention:

- (1) initial(s) and name of the author (in case of multiauthored papers this refers to all authors)
- (2) international abbreviation of the periodical
- (3) volume number
- (4) year of publication in parentheses
- (5) number of the first page of the paper.

Reference to books should include

- (1) initial(s) and name(s) of the author(s)
- (2) title of the book
- (3) volume number
- (4) Publisher
- (5) place and year of publication
- (6) page number. No "et al.," references will be accepted.

Tables

Each, bearing a title, should be self-explanatory and numbered consecutively, typed on separate sheets.

Figures

Figures should be drawn clearly and carefully on separate sheets, ready for direct reproduction. They should indicate the name of the first author and the serial number of the figure. Captions to all figures should be collected and typed on a separate sheet.

Proofs

In order to speed-up publication there will be no proofs sent to the authors. An in-house

proof reading will ensure the textual similarity of the typeset paper with the final version of the manuscript. In some special cases mainly with difficult manuscripts proofs will however be sent to authors.

Copyrights must be transferred to the Journal of Radioanalytical and Nuclear Chemistry before publication or appearance on the Web page of the Society.

II. "Manuscript Preparation Guideline" for *Journal of Nuclear and Radiochemical Sciences*

1. Important Notice to Authors

Unnecessary duplication of publication should be avoided. It is prohibited to submit the manuscript which is submitted to any other journal, or vice versa. Any change of authorship is not accepted after submission.

If the paper includes figures or illustrations presented in other journals, permission of the use of the copies should be taken from the copyright holder.

2. Preparation of Manuscript

Arrangement, Each manuscript should be arranged in the following order:

- (1) title of paper,
- (2) name(s) of author(s) with a mark to the corresponding author whose e-mail address and fax number are indicated,
- (3) affiliation(s),
- (4) abstract,
- (5) text,
- (6) references,
- (7) tables,
- (8) figures (each figure should be printed on a separate page),
- (9) figure captions

Manuscripts should be double-spaced printed (or type-written) with 12pt font size for text within about 25 lines of 65 strokes per line on one side of A4 or US letter-sized paper.

There is no limitation on the length of manuscripts for Reviews and Accounts.

Citations

References are cited by superscript numbers in text, tables, figures, etc., like ...reported.¹, ...used^{1-3,6}, and are numbered consecutively throughout the paper. When cited on the line, they are written as "in Reference 1", "in References 1-3", etc. Tables and figures are cited in text by saying "Table 1", "Figure 1", "Figures 1 and 2", etc. Equations are cited in the text by saying "eq 1", "eqs 2 and 3", etc., and spelled out like "Equation 1..." when they are the first word of a sentence. Sections are cited in the text as "sect. 3.2."

Figures

It is highly recommended to prepare figures in an electronic form. Each figure is prepared as a separate postscript (ps or eps) file. Some electronic files other than postscript files may be acceptable and they are submitted together with one set of good quality printed figures. Color figures cannot be accepted.

Unit

In preparation of figures, it is recommended to use notification like ``physical quantity/unit'' instead of ``physical quantity(unit)". ex. Time/min.

Example of reference list

- (1) E. Bartsch, V. Frenz, and P. Lindner, *J. Chem. Phys.* 100, 3540 (1997).
- (2) R. B. Firestone and V. S. Shirley, *Table of Isotopes*, 8th ed. (John Wiley & Sons, New York, (1996).
- (3) I. Nishinaka, Y. Nagame, K. Tsukada, S. Ichikawa, H. Ikezoe, M. Tanikawa, Y. L. Zhao, K. Sueki, and H. Nakahara, *Proceedings of the 2nd International Conference on Fission and Properties of Neutron-rich Nuclei*, edited by J. H. Hamilton, W. R. Phillips, and H. K. Carter (World Scientific, Singapore, 2000), p.494.

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