



Mausaleum - Bahuddin Zakariya Mausaleum - Molana Hamid Ali Shahi Mosque Eid Gah Mausaleum-Shah Shams Tebraz Dolat Gate Multan Mausaleum-Shah Ruken-e-Alam

ANNOUNCEMENT

34th

**PAKISTAN CONGRESS OF ZOOLOGY
(INTERNATIONAL)**

February 25 - 27, 2014



To be held at
Bahauddin Zakariya University, Multan



Institute of Pure & Applied Biology Haram Gate Multan Bohar Gate Multan Babu-ul-Qasim, Multan Kashi Gari in Multan Handi Crafts

GENERAL INFORMATION

The President of Zoological Society of Pakistan and the Congress Organizing Committee cordially invite the Fellows/Members of the Society and all other scientists interested in various disciplines of Zoological Sciences to take part in the 34th Pakistan Congress of Zoology to be held at the Bahauddin Zakariya University, Multan on **February 25-27, 2014**.

SCIENTIFIC PROGRAMME

The scientific programme will consist of plenary lectures and oral presentations. Theme of the Congress will cover all the major areas of Zoology and related disciplines e.g. Entomology and Pest Management; Cell Biology, Molecular Biology, Bioinformatics, Environmental Biotechnology; Bioremediation, Genetics, Toxicology, Parasitology; Microbiology, Physiology; Palaeontology, Environmental Biology, Wild Life Conservation; Fisheries, Freshwater Biology and Marine Biology.

There will be three sessions each day. The first session will start at 9.00 A.M. The paper reading session will start immediately after inauguration and will continue till the 3rd day.

Fifteen minutes will be allowed for presentation of paper and discussion. Multimedia and 2x2 slide projectors will be available.

The participants are reminded that only one paper will be accepted for presentation from one set of authors.

**Last date for the receipt of registration forms
and abstracts of papers is December 15, 2013.**

ABSTRACTS

The participants are requested to submit two copies of abstracts of their research papers. The abstracts should include a brief introduction, methods used, main results and conclusions. References should not be included in the text of Abstract. Abstract will only be accepted, if it is accompanied by registration form and registration fee. The first author who is likely to make presentation in the Congress should not submit more than one Abstract.

POSTER SESSION

Poster session, as usual, has been arranged specially for the younger scientists. A committee will review the posters and adjudge the first, second and third best posters. The authors of these posters will be given certificates at the Closing Ceremony on the third day of the Congress.

Participants desirous of presenting poster must, however, register themselves for the congress and submit a short summary by **December 15, 2013**.

BAHAUDDIN ZAKARIYA UNIVERSITY, MULTAN

Bahauddin Zakariya University was established in 1975 to cater the educational and research needs of Southern Punjab. It is situated 10km away from the Centre of the city of the Multan. It is spread over 960 acres of land and comprises sixty departments in basic and applied sciences and arts, four constituent colleges (Law Agriculture, engineering and technology and textile college), 79 affiliated colleges and 3 sub-campus. The university senate is the supreme governing /legislative body of the university. The syndicate is the executive body of the university and the academic council is the main academic body of the university. The Governor of the Punjab is the chancellor of the university, where as Minister for education, Government of the Punjab is the pro-Chancellor.

GOLD MEDALS AWARDING CEREMONIES

- The nineteenth **Mujib Memorial Gold Medal** will be awarded to a student of Karachi University, standing first in the recent M.Sc. Zoology examination, with specialization in Parasitology.
- The nineteenth **Muzaffer Ahmad Gold Medal** will be awarded to a student of the Punjab University, standing first in the recent M.Sc. Zoology examination.
- The seventeenth **Muhammad Afzal Hussain Qadri Memorial Gold Medal** will be awarded to M.Sc. Zoology student of University of Karachi obtaining first position..
- The thirteenth **M.A.H. Qadri Memorial Gold Medal** will be awarded to a student of Karachi University, obtaining Ph.D. Zoology degree in Parasitology.
- The ninth **Ahmed Mohiuddin Memorial Gold Medal** will be awarded to a student of University of Sindh, Jamshoro standing first in the recent M.Sc. Zoology examination.
- The tenth **Prof. Dr. S.N.H. Naqvi Gold Medal** will be awarded to successful Ph.D. Zoology specializing in the field of Toxicology from University of Karachi.
- The sixth **Afsar Mian Gold Medal** will be awarded to a student of University of Arid Agriculture, Rawalpindi standing first in the recent M.Sc. Zoology examination.
- The first **Prof. Dr. S.S. Akbar Memorial Gold Medal** will be awarded to a student of University of Sindh, Jamshoro, standing first in the recent M.Sc. Zoology examination, with specialization in Entomology.

ZOOLOGIST OF THE YEAR AWARD 2014

The Zoological Society of Pakistan will honour its Fellows for their scientific contributions to the discipline of Zoology. A committee specially constituted for this purpose will select an outstanding Zoologist out of the nominees. Award giving ceremony will be held during the Inaugural session of 34th Pakistan Congress of Zoology. Citation of the award will also be read before conferring the medal which is in the form of a medal and a certificate.

PROF. A.R. SHAKOORI GOLD MEDAL

The tenth **Professor A.R. Shakoori Gold Medal** will be given to a young researcher upto the age of 45 in any area of Biological Sciences. A specially constituted committee will scrutinize the applications received in response to an advertisement. The Medal will be conferred during the Inaugural session of 34th Pakistan Congress of Zoology.

PROF. DR. MIRZA AZHAR BEG GOLD MEDAL

The eleventh **Prof. Dr. Mirza Azhar Beg Gold Medal** will be given to a young researcher upto the age of 45 in Ecology / Wildlife / Vertebrate Pest Management / Taxonomy / Fisheries. A specially constituted committee will scrutinize the applications received in response to an advertisement. The Medal will be conferred during the Inaugural session of 34th Pakistan Congress of Zoology.

PROF. IMTIAZ AHMAD GOLD MEDAL

The first **Prof. Imtiaz Ahmed Gold Medal** will be given to researcher in the field of Entomology. A specially constituted committee will scrutinize the applications received in response to an advertisement. The Medal will be conferred during the Inaugural session of 34th Pakistan Congress of Zoology .

PROF. DR. NASIMA M. TIRMIZI GOLD MEDAL

The seventh **Prof. Dr. Nasima M. Tirmizi Gold Medal** will be given to a researcher in the field of Marine Sciences. A specially constituted committee will scrutinize the applications received in response to an advertisement. The Medal will be conferred during the Inaugural session of 34th Pakistan Congress of Zoology.

ACCOMMODATION, BOARD AND TRAVEL

The participants requesting for accommodation should inform the secretariat well in time. All participants should inform the details of their arrival in Multan well in time, so that arrangements for their transport from the Railway Station/Air Port/Bus/Air/Train Terminals could be made.

The participants may have to pay for meals if they are not sponsored.

INSTRUCTIONS FOR POSTER PRESENTATIONS

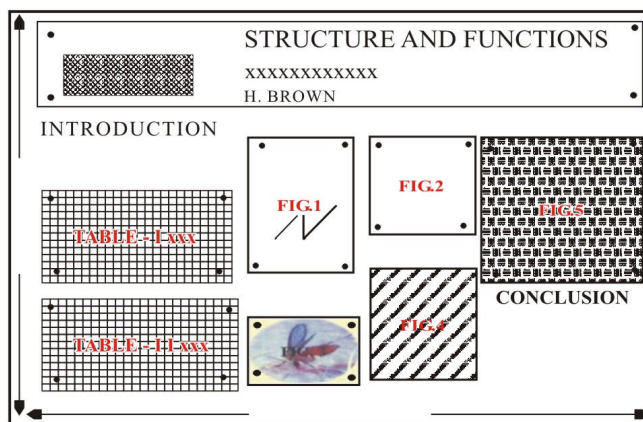
Abstracts scheduled for presentation in poster sessions will be grouped by topic, numbered and listed in the programme, and published in the abstract book in the usual manner. In addition, programme listings will specify time when your colleagues may expect you to be at your assigned space to discuss your work.

Mount posters on your assigned board in the evening of **February 24, 2014**, *i.e.* one day before the inauguration of the Congress. Posters should be in place for the full congress period.

The poster board surface is 3'8" high and 5'6" wide. Prepare for the top of your poster space a label indicating its title and authors. The lettering for this section should not be less than 1" high. A copy of your abstract typed in large type, should be posted in the upper left-hand corner of the poster board.

All illustrations should be made beforehand. Keep in mind that your illustrations must be read by interested scientists from distances of about 3' or more. Charts, drawings and illustrations might well be similar to those you would otherwise use in making slides; preferably cruder and more heavily drawn. They need not, in fact should not, be "arty." Simple use of color can add emphasis effectively. Do not mount them on heavy board because these may be difficult to keep in position on the poster boards. Hand lettered material should contain appropriately heavy lettering at least 3/8" high. Shade block letters where possible. Typed material should be typed on a Bulletin (large type) typewriter, if possible. Keep illustrative material simple.

Bring your own push-pins or thumbtacks.



Sample of poster showing arrangement of various sections

CONGRESS ORGANIZING COMMITTEE

Prof. Dr. A.R. Shakoori
Prof. Dr. Muzaffer Ahmad
Prof. Syed Akram Shah
Prof. Nasreen Memon
Mr. Abdul Aziz Khan
Dr. Javed Iqbal
Prof. Dr. Shamsuddin Shaikh
Dr. Abdul Rehman
Dr. Javed Iqbal
Prof. Dr. Asmatullah Kakar
Prof. Dr. M. Akhtar
Dr. Farah Rauf Shakoori
Dr. Abid Farid

Dr. Abdul Aleem Chaudhary
Prof. Javed Iqbal Qazi
Dr. Bushra Munir
Dr. Muhammad Zafar Imam
Dr. Ghulam Dastagir
Prof. Dr. Imtiaz Ahmad
Prof. Dr. Afsar Mian
Prof. Dr. M. Aslam Khan
Prof. Dr. M. Afzal Kazmi
Prof. Dr. S.A. Mufti
Prof. Dr. M. Arslan
Prof. Dr. M.A. Qazi
Dr. M. Afzal

Prof. Dr. Gary S. Stein, USA
Prof. Dr. Peter Wynn, Australia
Dr. Gao Xingyi, China
Prof. Dr. Shamshad H. Gilani, USA
Prof. Dr. Nasiruddin, Pakistan
Prof. Dr. Andre van Wijnen, USA
Prof. Dr. Daniel Hoessli, Switzerland
Prof. Dr. Amjad Javed, Alabama, USA
Prof. Dr. Paolo Madoni, Italy
Dr. George Iliopoulos, Greece

LOCAL ORGANIZING COMMITTEE

Patron in Chief: Prof. Dr. Syed Khawaja Alqama
Vice-Chancellor

Patron: Prof. Dr. Saeed Ahmed Malik
Dean, Faculty of Sciences
Focal Person: Director, Institute of Pure and Applied Biology
Secretary: Dr. Amjad Farooq
Finance Secretary: Mr. Bakhtawyar Ali Khan

Prof. Dr. Aleem Ahmed Khan
Prof. Dr. Seema Mehmood
Prof. Dr. Zahida Tasawar
Prof. Dr. Sumera Rasool
Prof. Dr. Masood Akhtar
Prof. Dr. Muhammad Aslam Shad
Prof. Dr. Muhammad Ali
Prof. Dr. Khalid Hussain Janbaz
Prof. Dr. M. Ashraf Khan
Dr. Shafqat Saeed
Dr. Tasveer Zahra Bokhari
Dr. Syeda Beenish Ali

Malik Munir Hussain
Ch. Maqsood Ahmad
Mr. Muhammad Hussain
Mr. Asmatullah
Dr. Abdul Rehman
Dr. Zulfiqar Ali Saqib
Mr. Amjad Ali
Mr. Haider Ali

SOUVENIR 2013

Multan is the fourth largest city of Pakistan situated at a distance of about 600 km in the South of Lahore Capital of Punjab Province. It is easily accessible through Air, Road and Railway. It is at a distance of 50 minute flight from Lahore and about 1 hour flight from Karachi. Multan's population is about 4 million. Its topography is plain and partly desert like. District Multan has an extreme climate. October to March is the best season for tourists. The extreme temperature of Multan in summer is 49°C whereas 1°C in winter. The average rainfall is 127 mm. The land is plain and very fertile. However, the portions of tehsils Multan and Shujabad close to the river Chenab are flooded during monsoons seasons during July to August. In the end of February and March, the temperature during day can go upto 30°C, but evenings and nights are cooler. Multan is known for Cotton, Dates, Mellons and Mangoes, as major agricultural produce of the region. Multan is a city of saints and shrines and is known as centre of art and culture of Saraiki in this part of the Punjab. The city of Multan also boasts of the second oldest Medical College Nishtar Medical College in the country.

Bahauddin Zakariya University, Multan will publish Souvenir on the occasion of 27th Pakistan Congress of Zoology. The highlights of this Souvenir include articles on history of Multan, including some important buildings of historical value; teaching and research programmes at the Bahauddin Zakariya University, Multan, Pakistan.

SECRETARIAT

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Bahauddin Zakariya University, Multan
Phone: 92-061-9210071-5, Ext. 2512
Mobile: +92-333-6105628
E-mail: amjadzubio@yahoo.com

Please return by 15th December 2013 the registration form along with the Registration fee and Abstract(s) to:

Prof. Dr. A.R. Shakoori
Distinguished National Professor & Director
School of Biological Sciences
University of the Punjab, Lahore-54590
Phone: 92-42-99230133
Fax: 92-42-99230980

E-mail: arshaksbs@yahoo.com; arshakoori.sbs@pu.edu.pk

Important Phone Numbers:

Lahore: Dr. Abdul Rehman : 0333-4252693
Mr. Haider Ali : 0321-7214129 - Email: haiderzspk@yahoo.com
Multan: Dr. Furhan Iqbal: 0331-5657685
Mr. Muzaffar Ali Khan: 0321-7329199

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**REGISTRATION FORM
FOR FOREIGN PARTICIPANTS**

I wish to register for the 34th Pakistan Congress of Zoology. A **Bank Draft**, in favour of Treasurer, Pakistan Congress of Zoology for US \$ 500/- as registration fee, is enclosed.

1. Name _____
2. Position _____
3. Institute _____
4. Name(s) of accompanying members (Give age, if under 12 years) _____

5. Address _____

6. Phones: Res: _____ Off: _____
7. E-mail: _____
8. The rates of registration are as follows. Please check appropriate box
Participant US \$ 500 []
Spouse US \$ 250 []

I remit the total amount of US \$ _____ by Draft (No: _____) to Treasurer, Pakistan Congress of Zoology, Department of Zoology, University of the Punjab, New Campus, Lahore. (PLEASE ADD US \$ 10/- TO THE TOTAL AMOUNT, IN CASE YOU DECIDE TO WRITE A CHEQUE).

9. Title of paper _____

 10. Subject Classification _____
(Please see the major disciplines of Zoology listed under scientific programme).
 11. Would you make your own arrangement for stay during the Congress?
Yes [] No []
- Signed: _____ Dated: _____

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REGISTRATION FORM

FOR LOCAL PARTICIPANTS

I wish to register for the 34th Pakistan Congress of Zoology. A **BANK DRAFT**, in favour of Treasurer, Pakistan Congress of Zoology for Rs. _____ as registration fee, is enclosed.

1. Name _____
2. Position _____
3. Institute _____
4. Name(s) of accompanying members (Give age, if under 12 years) _____

5. Address _____

6. Phones: Res: _____ Off: _____
7. E-mail: _____

8. The rates of registration are as follows. Please check appropriate box

ZSP Life Fellows and Fellows	Rs. 2000	[]
Non-Fellows and Ph.D. Students	Rs. 2500	[]
Students (B.Sc. Hons, M.Sc., M.Phil)	Rs. 2000	[]
Spouse or accompanying person	Rs. 1500	[]
Certificate of Congress participation fee	Rs. 100	[]
Certificate for oral presentation fee	Rs. 100	[]
Certificate for active participation	Rs. 100	[]

I remit the an amount of Rs. _____ by **DRAFT (NO: _____)** to Treasurer, Pakistan Congress of Zoology, Department of Zoology, University of the Punjab, New Campus, Lahore. **(PLEASE ADD RS. 350/- TO THE TOTAL AMOUNT, IN CASE YOU DECIDE TO WRITE A CHEQUE).**

9. Title of paper _____

10. Subject Classification _____
(Please see the major disciplines of Zoology listed under scientific programme).
11. Would you make your own arrangement for stay during the Congress?
Yes [] No []
Signed: _____ Dated: _____

*If you are interested in getting attractive certificate for participation in the 34th Congress, you may include an amount of Rs. 100/- as Congress participation certificate fee in the Congress Registration Fee. The certificate will be handed over during the Congress.