



## “International Conference (Online) on Bee Pollination Under Climate Change Scenario”

Thursday, 20<sup>th</sup> May 2021

**Inaugural session**

Institute of Plant Protection, MNS University of Agriculture, Multan, Pakistan



<https://zoom.us/j/92925744187?pwd=ZnpaT05GUTBFYVhYMGNvNnBkNnFkUT09>

**Passcode: 453792**

Timing	Activity
10:00 – 10:10 am	<b>Qirat &amp; Translation</b>
10:10 – 10:30 am	<b>Welcome Address</b> by Prof. Dr. Asif Ali (Vice Chancellor, MNS University of Agriculture Multan)
10:30 – 10:45 am	<b>Conference Overview</b> Bee Pollination Under Climate Change Scenario: Prof. Dr. Shafqat Saeed
10:45 – 11:10 am	<b>Keynote Speaker</b> <b>Prof. Dr. DP Abrol</b> Dean Faculty of Agriculture Sher-e-Kashmir University of Agricultural Sciences & Technology, Faculty of Agriculture, Main Campus Chatha, Jammu
11:10 – 11:30 am	<b>Keynote Speaker</b> <b>Neil Cobb</b> Biodiversity Outreach Network, Northern Arizona University, United States
11:30 – 11:40 am	Address by Chief Guest
11:40 – 11:50 am	Remarks by Guest of Honor
11:50 – 12:00 pm	Vote of Thanks by Prof. Dr. Muhammad Ashfaq



<https://zoom.us/j/92925744187?pwd=ZnpaT05GUTBFYVhYMGNvNnBkNnFkUT09>

Passcode: 453792

12:05 – 12:20 pm Conservation of Bees	<b>Resource Partitioning in Pollinator Guilds Among Sub-Tropical Plant Communities of Punjab, Pakistan</b> Asif Sajjad, Ammad Ahmad, Sajjad Ali, Waseem Akram, Farwa Mustafa Department of Entomology, Faculty of Agriculture and Environment, The Islamia University of Bahawalpur-Pakistan (asifbinsajjad@gmail.com)
12:20 – 12:35 pm Conservation of Bees	<b>Comparative Study of Foraging Behavior of <i>Apis mellifera</i> L. at Two Different Agro Climatic Conditions in Khyber Pakhtunkhwa</b> Muhammad Younas, Muhammad Israr, Yasir Ali Agricultural Research Institute Tarnab Peshawar, The University of Agriculture Peshawar (yasirnsr73@gmail.com)
12:35 – 12:50 pm Conservation of Bees	<b>Predicting the Suitable Habitat of Bumble Bees in Trans-Himalayan Region of Himachal Pradesh, India</b> Agni Chandra, Amar Paul Singh and V.P. Uniyal Wildlife Institute of India, Chandrabani, Dehradun, Uttarakhand, India (agnic17@gmail.com)
12:50 – 01:05 pm Biodiversity	<b>Spatio-Temporal Behavior of <i>Bombus simillimus</i> (Hymenoptera: Apidae) from Tolipir National Park, Azad Jammu and Kashmir, Pakistan</b> Umer Ayyaz Aslam Sheikh, Munir Ahmad, Muhammad Imran and Junaid Rahim Department of Entomology, University of Poonch Rawalakot, Azad Jammu and Kashmir, Pakistan (umerayaz@upr.edu.pk)
01:05 – 01:20 pm Crop Pollination	<b>Pollination Services by Honeybees in The Punjab, Pakistan</b> Arshed Makhdoom Sabir, Qurdan Ali and Muhammad Zaffar Iqbal Beekeeping & Hill Fruit Pests Research Station, Rawalpindi, Pakistan (amsabir@yahoo.co.uk)
01:20 – 01:35 pm Crop Pollination	<b>Comparative Pollination Efficacies of Solitary Bees, Honeybees and Flies on <i>Medicago sativa</i> L. Seed Production in Pakistan</b> Abdur Rauf, Shafqat Saeed, Mudssar Ali, Muhammad Hammad Nadeem Tahir Institute of Plant Protection, Faculty of Agriculture and Environmental Sciences, MNS University of Agriculture, Multan (shafqat.saeed@mnsuam.edu.pk)
01:35 – 01:50 pm Crop Pollination	<b>Diversity &amp; Effectiveness of Native Pollinators in The Reproductive Success of <i>Bauhinia variegata</i></b> Mariam Zahid, Mudssar Ali, Muhammad Awais Ahmad, Shafqat Saeed Institute of Plant Protection, MNS University of Agriculture Multan, Pakistan (mudssar.ali@mnsuam.edu.pk)

01:50 – 02:05 pm Beekeeping	<b>Queen Cells Acceptance Rate and Royal Jelly Production in Worker Honeybee of Two <i>Apis mellifera</i> Races</b> Khalid Ali Khan, Hamed A. Ghramh, Zubair Ahmad, Mogbel A. A. El Niweiri, Mohamed Elimam Ahamed Mohammed Research Center for Advanced Materials Science (RCAMS), King Khalid University, Abha, Saudi Arabia ( <a href="mailto:khalidtalpur@hotmail.com">khalidtalpur@hotmail.com</a> )
02:05 – 02:20 pm Beekeeping	<b>Aptness of Some Basic Factors Affecting the Results of Instrumental Insemination of Honeybee Queens <i>Apis mellifera</i> Under Lab Conditions</b> Muhammad Khalid Rafique, Rashid Mahmood, Ghulam Sarwar Honeybee Research Institute (HBRI), PARC-National Agricultural Research Centre (NARC), Islamabad ( <a href="mailto:khalidento@gmail.com">khalidento@gmail.com</a> )
02:20 – 02:35 pm Beekeeping	<b>Problems and Challenges in Scaling Up Apiculture Sector in Pakistan</b> <b>Dr Muhammad Asif Aziz</b> PMAS Arid agriculture University Rawalpindi ( <a href="mailto:asifaziz@uuar.edu.pk">asifaziz@uuar.edu.pk</a> )
02:35 – 02:50 pm Beekeeping	<b>Effects of Supplementary Feeding on the Health of <i>Apis mellifera</i> Population</b> <b>Maria Ahmed</b> Department of Zoology, Kohat University of Science and Technology Kohat Khyber Pakhtunkhwa Pakistan ( <a href="mailto:ahmedmaria405@gmail.com">ahmedmaria405@gmail.com</a> )
02:50 – 03:05 pm Crop Pollination	<b>Native Bees Increase Tomato Pollination Isolated from the Pollination Network</b> Gabriela Rijo, Diego Alameda, Alejandro Barro Faculty of Biology, University of Havana, Cuba ( <a href="mailto:alamedacuba@gmail.com">alamedacuba@gmail.com</a> )

### Closing session (20-05-2021)



<https://zoom.us/j/92925744187?pwd=ZnpaT05GUTBFYVhYMGNvNnBkNnFkUT09>

**Passcode: 453792**

3:10 – 3:20 pm	Recommendations of the Conference (Dr. Mudssar Ali)
3:20 – 3:30 pm	Vote of Thanks (Dr. Unsar Naeem Ullah)