

**EXFOR-2019, DAE-BRNS Workshop on Nuclear Reaction Data
Compilation
M.S. University of Baroda, November 12-16, 2019**

Tentative programme

Day 1 November 12, 2019	
09:00-10:00	Registration
Session 01 :: Inaugural session Session Chair: Prof. N.L. Singh, MS University of Baroda	
10:00- 11.00	Inauguration
11:00-11.30	High Tea
11:30-12:15	Invited talk 1 :: Neutron cross section measurements <i>(Dr. B.K.Nayak, NPD, BARC)</i>
12.15-13.00	Invited talk 2 :: Introduction to IAEA Nuclear Data Services <i>(Dr. Naohiko Otsuka, IAEA)</i>
13:00-14:00	Exercise: NSR and Live Chart of Nuclides <i>(Dr. Naohiko Otsuka, IAEA)</i>
14:00-15:00	Lunch break
Session 02 Introduction to EXFOR and ENDF database Session Chair: Dr. B.K. Nayak, Head NPD, BARC	
15:00-15:45	Invited talk 3 - Nuclear data for reactor design : From EXFOR to evaluation <i>(Prof. Paresh Joshi, TIFR)</i>
15:45-16:30	Lecture: Introduction to EXFOR <i>(Dr. Naohiko Otsuka, IAEA)</i>
16:30-16:45	Tea/Coffee break
16:45-17:45	Lecture: EXFOR/ENDF databases <i>(Dr. Naohiko Otsuka, IAEA)</i>
17:45-19:00	Exercise: EXFOR/ENDF databases
19:30 Onwards	Conference dinner
Day 2, November 13, 2019	
Session 03 EXFOR formats and coding Session Chair: Prof. S. Mukherjee, MS University of Baroda	
09:30-11:00	Lecture: EXFOR Formats <i>(Dr. Naohiko Otsuka, IAEA)</i>
11:00-11:15	Tea/Coffee break
11:15-13:15	Lecture/Exercise: EXFOR Editor - common subentry <i>(Dr. Vidya Thakur, IET, Bhaddal)</i>
13:15-14:00	Lunch break

Session 04 EXFOR compilation exercises Coordinated by Shri. Devesh Raj, RPDD, BARC	
14:00-16:00	Lecture/Exercise: EXFOR Editor - data subentry (Dr. Vidya Thakur, IET, Bhaddal)
16:00-16:30	Tea/Coffee break
16.30–18.30	Exercise: Compilation of new Indian articles
Day 3, November 14, 2019	
Session 05 Editors for EXFOR coding Session Chair: Dr. Sadhana Mukerji, RPDD, BARC	
09:30-10:15	Invited talk 4 – Talk by Dr. A. Tyagi (Banaras Hindu University)
10:15-11:00	Lecture: Checking tools (Dr. Naohiko Otsuka, IAEA)
11:00-11:15	Tea/Coffee break
11:15-13:15	Lecture/Exercise: Digitization (Prof. Vidya Thakur, IET, Bhaddal)
13:15-14:00	Lunch break
Session 06 EXFOR compilation exercises Coordinated by Dr. Gayatri Mahanto, NPD, BARC	
14:00-14:45	Invited Talk 5 – Introduction to nuclear model calculations (EMPIRE and TALLYS) (Shri. Devesh Raj, RPDD, BARC)
14:45-16.15	Exercise: Compilation of new Indian articles
16:15-16:30	Tea/Coffee break
16:30-17:15	Editors for EXFOR (Dr. Abhijit Bhattacharya, NPD, BARC)
17:15–18:30	Exercise: Compilation of new Indian articles
Day 4, November 15, 2019	
Session 07 EXFOR compilation exercises Coordinated by Dr. Gayatri Mahanto, NPD, BARC	
9:30-11:00	Exercise: Compilation of new Indian articles
11:00-11:15	Tea/Coffee break
11:15-13:15	Exercise: Compilation of new Indian articles
13:15-14:00	Lunch break
14:00-16:00	Exercise: Compilation of new Indian articles
16:00-16:30	Tea/Coffee break

16:30–18:30	Exercise: Compilation of new Indian articles
Day 5, November 16, 2019	
Session 08 Decay heat and decay data	
Session Chair: Dr. Umasankari, BARC	
9:30-10:15	Invited talk 6: Experience on high energy cross section measurement in TIFR Pelletron <i>(Dr. Sadhana Mukerji, NPD, BARC)</i>
10.15-11.00	Invited Talk 7:: Total absorption gamma-ray spectroscopy (TAGS) <i>(Dr. Gopal Mukherjee, VECC, Kolkata)</i>
11:00-11:30	Tea/Coffee break
11.30-12.15	Invited talk 7 :: Simulation Techniques in Nuclear Data <i>(Dr. Rajnikant Makwana, MS Univ. Baroda)</i>
12:15-13:00	Presentations by Students (Max 3 students)
13:00-14:00	Lunch break
14:00-15:00	Feedback Session