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**2019 RCA/iTRS-HYU Radiation Safety Training Course**

**PROSPECTUS**

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| **Title :** | 2019 RCA/ iTRS-HYU Radiation Safety Training Course |
| **Place :** | Hanyang University, Seoul, Republic of Korea |
| **Date :** | 01 to 05 July 2019 |
| **Deadline for**  **Nominations :** | **19 April 2019** |
| **Organizers :** | RCA in cooperation with Innovative Technology Center for Radiation Safety (iTRS) of Hanyang University |
| **Course Organizers :** | **Mr JinKyu LIM**  Head, Administration of RCA Regional Office  Tel: +82 42 868 4905  E-mail: jklim@rcaro.org  **Dr. Chang-ho SHIN**  Innovative Technology Center for Radiation Safety  Hanyang University  Tel: +82 2 2220 4678  E-mail: gemini@hanyang.ac.kr |
| **Language:** | The language of instruction will be English |
| **Participation:** | The training course is open to 12-14 participants from RCA Government Parties.  Each Government Party will be able to **nominate up to one or two candidates**. |
| **Target Countries:** | Bangladesh, Cambodia, China, Fiji, India, Indonesia, Laos, Malaysia, Mongolia, Myanmar, Nepal, Pakistan, Philippines, Palau, Sri Lanka, Thailand, Vietnam |
| **Purpose of the**  **Course :** | The purpose of the training course is to improve technical and practical knowledge on radiation safety. |
| **Scope :** | The training course will include lectures by recognized experts from related institutes in Korea in the areas of radiation safety covering radiation safety management, medical radiation safety and control, industrial radiation safety and control, transportation of radioactive materials and radiation safety culture. |
| **Participants’ qualifications and experience :** | Participants should be technical or managerial professionals directly involved in the field of radiation technology in government authorities, R&D institutes, and regulatory bodies with **maximum of 5 years** relevant experience in the field. Bachelor’s degree or equivalent experience is required.  Participants should have sufficient proficiency in English to follow lectures without difficulty. |
| **Application Procedure :** | Completed application forms should be endorsed and approved by the National RCA Representatives and be received at the below address **no later than 19 April 2019.**  **Ms Jinhwa KIM**  Project Officer  RCA Regional Office  111, Daedeok-Daero 989 Beon-Gil, Yuseong-gu, Daejeon, 34057  Republic of Korea  Tel: +82 42 868 8224  Fax: 82 42 864 1626  E-mail: [evolution@rcaro.org](mailto:evolution@rcaro.org)  **Nominations received after this date or applications which have not been endorsed by the National RCA Representatives cannot be considered.** |
| **Administrative and Financial**  **Arrangements:** | During the training course, RCA Regional Office(RCARO) will provide the participants with a stipend sufficient to cover the cost of their accommodation, food and minor incidental expenses. RCARO will also provide the participants with a round-trip air ticket, economy class, from their home countries to Incheon, Korea and return.  Participants will be provided with standard travel insurance. However, the organizers of the training course do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the training course and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks. |

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01 to 05 July 2019, Seoul, Korea

| **Date** | **Time** | **Lecture** | **Lecturer** |
| --- | --- | --- | --- |
| Jul. 01 | 09:40-10:00 | Registration |  |
|  | 10:00-10:10 | Opening Ceremony · Welcoming Remarks | RCA/iTRS |
|  | 10:10-10:15 | Participants Introduction |  |
|  | 10:15-10:20 | Course Introduction | Chang Ho SHIN  (iTRS) |
|  | 10:20-10:40 | RCA Introduction | RCA |
|  | 10:40-10:45 | Group Photos |  |
|  | 10:45-10:55 | Break |  |
|  | 10:55-12:25 | Radiation Dose | Jai Ki LEE  (KARP) |
|  | 12:25-14:20 | Lunch (Hosted by RCA) |  |
|  | 14:20-15:50 | Health Effects of Radiation | Jai Ki LEE  (KARP) |
|  | 15:50-16:05 | Break |  |
|  | 16:05-17:35 | System of Radiological Protection | Jai Ki LEE  (KARP) |
| Jul. 02 | 09:00-10:30 | Medical Radiation Safety and Control | YoonSun CHUNG  (HYU) |
|  | 10:30-11:00 | Break |  |
|  | 11:00-12:30 | Radiation Detectors | Chan Hyeong KIM  (HYU) |
|  | 12:30-14:00 | Lunch |  |
|  | 14:00-15:30 | Neutron Detection | Yong Kyun KIM  (HYU) |
|  | 15:30-17:30 | Technical Tour 1 (Seoul Radiation Monitoring Post, Radiation Labs in HYU) | Chan Hyeong KIM  (HYU) |
|  | 17:30-20:00 | Course Dinner (Hosted by iTRS) |  |
| Jul. 03 | 09:00-10:30 | Radiation Safety and Shielding Analysis | Chang Ho SHIN  (iTRS) |
|  | 10:30-11:00 | Break |  |
|  | 11:00-12:30 | RI/RG Radwaste Management | Sang Eun HAN  (KINS) |
|  | 12:30-14:00 | Lunch |  |
|  | 14:00-15:30 | External Dose Assessment | Jeong Il LEE  *(KAERI)* |
|  | 15:30-17:30 | Technical Tour 2 (Korea Institute of Radiological and Medical Science, KIRAMS) | Chang Ho SHIN  (iTRS) |
| Jul. 04 | 09:00-10:30 | Radiation Emergency Preparedness | Hong Suk KIM  (KINS) |
|  | 10:30-11:00 | Break |  |
|  | 11:00-12:30 | NORM Radiation Safety and Control | Jaekook LEE  (KINS) |
|  | 12:30-14:00 | Lunch |  |
|  | 14:00-15:30 | Radiation Safety Culture |  |
|  | 15:30-17:30 | Technical Tour 3 (Samsung Medical Center-Proto Therapy Facility) |  |
| Jul. 05 | 09:00-10:30 | Internal Dose Assessment | Wi Ho HA  (KIRAMS) |
|  | 10:30-11:00 | Break |  |
|  | 11:00-12:30 | Radiation Risk Communication and Public Acceptance | Song Won SEO  (KIRAMS) |
|  | 12:30-13:00 | Award of Certificates | RCA |
| Course Evaluation / Closing | Chang Ho SHIN  (iTRS) |
|  | 13:00-14:00 | Lunch |  |
|  | 15:30-20:00 | Tour for Korean Culture Experience |  |