**2018 KEI-REEPS International Workshop for**

**Environmental-economic Modelling**

Co-hosted by Korea Environment Institute (KEI)

& Research group of East Asia Environmental Policy Studies (REEPS)

* Date: 2018.02.07 (WED)
* Venue: Meijo University(DS412 Nagoya Dome Campus), Japan

<https://www.meijo-u.ac.jp/about/campus/dome/>

* Seminar Program

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| Time (minute) | |  | Program | | |
| 9:00 – 09:20 | (20) | |  | Registration | | |
| 9:20 – 09:30 | (10) | |  | Opening Remark | | |
| [SESSION 1] Korean Hybrid Model:  Session chair :Dr. Sung-Won, Kang | | | | | |
| 09:30 –10:10 | (40) | |  | **Top Down Model: KEI-CGE model**  By Dr. Sung-Won, Kang (KEI) | | |
| 10:10 – 10:50 | (40) | |  | **Integrating Top-down and Bottom-up Models for Korean Agricultural Sector**  By Prof. Oh-Sang, Kwon (Seoul National Univ.) | | |
| 10:50 – 11:30 | (40) | |  | **Linking CGE and Power-sector Optimization**  By Prof. Dong-Woo, Kim (Hanyang Univ.) | | |
| 11:30 – 13:00 | (90) | |  | Lunch Break | | |
| [SESSION 2] Bottom Up Choice of Technologies (1): FTT-Power sector:  Session chair: Prof. Soo-cheol, Lee | | | | | |
| 13:00 – 13:50 | (50) | |  | **Recent Developments and Challenges of FTT: Power model in E3ME**  By Unnada Chewprecha (Cambridge Econometrics) | | |
| 13:50 – 14:20 | (30) | |  | **Modeling the Power Sectors of East Asia in 2050:** **Economic impact by choice of power source under regulations on nuclear and coal power generation**  By Prof. Soo-Cheol, Lee (Meijo Univ.) | | |
| 14:20 – 14:50 | (30) | |  | **Environmental and Economic Impact of 2050 Power Mix under the Carbon Taxation and FIT in East Asia: using FTT: Power model**  By Prof. Sung-In, Na (Hiroshimashudo Univ.) | | |
| 14:50 – 15:10 | (20) | |  | Coffee Break | - | |
| [SESSION 3] Bottom Up Choice of Technologies (2): other important sectors  Session chair: Prof. Jong-soo Lim | | | | | |
| 15:10 – 16:00 | (50) | |  | **Key Factors for Developing AIM/Enduse[Global] Model**: **CO2 and non-CO2 mitigation analysis in energy and non-energy sectors**  By Dr. Tatsuya Hanaoka (NIES) | | |
| 16:00 – 16:50 | (50) | |  | **Simulating the Deep Decarbonisation of Residential Heating:**  **FTT Heat model**  By Florian Knobloch (Radboud Univ.) | | |
| 16:50 – 17:40 | (50) | |  | **Policies and Predictions for a Low-carbon Transition by 2050 in Passenger Vehicles in East Asia: based on the analysis using E3ME-FTT model**  By Aileen Lam (Univ. of Macao) | | |
| 17:40 – 17:55 | (15) | |  | **Q & A** | | |
| 17:55 – 18:00 | (5) | |  | Closing | | |