



AY2015 Interactive Evening Lounge – Proposal/Report  
2015年度 インタラクティブ・イブニングラウンジ企画書兼報告書

日時 Date/Time	2016年2月22日 Monday February 22 <sup>nd</sup> , 2016 from 18:00 to 20:00 (or beyond)
場所 Place	本郷キャンパス, 工学部 8 号館 GSDM 学生室 Eng.Bld.#8-student room, Hongo Campus
タイトル Title	Long-Term Sustainability
企画責任者 (特任教員・研究員) Organizer	<ul style="list-style-type: none"> <li>• Mr. Roberto Orsi 東京大学公共政策大学院、政策ビジョン研究センター、研究員 Lecturer, Policy Alternatives Research Institute, Graduate School of Public Policy, The University of Tokyo</li> <li>• Josiane PONOU EP ZOMAHOUN 東京大学大学院工学系研究科システム創成学専攻特任助教 Assistant Professor, Systems Innovation, Graduate School of Eng., The University of Tokyo</li> </ul>
概要 Summary	<p><b>&lt;Summary&gt;</b> Our group is focusing on the future of energy. In particular, electricity from the views of supply and demand. We have been divided into two sub-groups: Supply and Demand. The supply group consists of students studying power generation technologies. They will introduce the emerging power generation of hydrogen &amp; biomass. The demand group have studied about demand response, which is a method to control energy demand by changing electricity fee. The Supply and Demand group will have presentations from ecologic and economic viewpoints to, respectively, understand future energy.</p> <p><b>&lt;Purpose&gt;</b> This meeting has been organized in order to stimulate awareness on the issue of future energy. Also, we aim to deeply understand these matters by discussion with other students from various trades and scientific backgrounds.</p> <p><b>&lt;Outline&gt;</b></p> <ul style="list-style-type: none"> <li>- 18:00-18:10 Introduction</li> <li>- 18:10-18:40 Future Energy Supply group</li> <li>- 18:40-19:00 Future Energy Demand group</li> </ul>
参加者数 N. of participants	20
学生担当 Student	<ul style="list-style-type: none"> <li>• Takashi Matsumae 東京大学大学院工学系研究科精密工学専攻博士課程 Ph. D. candidate, Department of Precision Engineering, School of Engineering matsumae.takashi@su.t.u-tokyo.ac.jp</li> </ul>



Impressions

The IEL held on 22th Feb, presentations were focusing on the future of energy. In particular, electricity from the views of supply and demand. The supply group introduced the emerging power generation of hydrogen & biomass. The demand group have introduced demand response, which is a method to control energy demand by changing electricity fee. Also, we discussed their feasibility with other students from various backgrounds. 2月22日のIELでは、メンバーから将来のエネルギーの需要と供給の調査の結果発表と参加者との議論が行われました。エネルギーの供給グループからは水素とバイオマスを利用した発電手法の最新の研究結果、需要のグループからは電気需要をコントロールするデマンドレスポンスが紹介されました。議論では発表内容の実現性などが幅広い背景から議論されました。

