平成 29 年度
第 7 回　先端エネルギー理工学セミナーのお知らせ

Seminar on Advanced Energy Engineering Science

下記のとおり、先端エネルギー理工セミナーを開催致します。通常通り単位取得の一環になりますので、奮って参加いただきますよう、ご案内申し上げます。

記

対象：大学院学生(修士、博士)　／ For master students and Ph.D. students

日時：2018 年 1 月 30 日（火）14:50-16:20／ January 30, 2017　time: 14:50-16:20

場所：総合理工学府 H 棟 2 階講義室 ／Lecture Room on 2F in H building

講演者：Young-chul GHIM
Korea Advance Institute of Science Technology (KAIST) Daejeon, South Korea

講演題目：Bayesian based analysis and Physics based interpretation of experimental data

Abstract :
Experimental physicists are those who actively measure, collect and diagnose the parameters of their interests with the aim of understanding our mother nature better to improve the quality of our lives, not to mention fulfilling our intellectual curiosity of it. As many of recent experimental schemes to make desired observations become expensive and sophisticated, classical frequentist approach to analyze the data is becoming less accessible; while Bayesian approach has started receiving more attention. Based on a simple conditional probability theory, Bayesian approach allows one to analyze the obtained data and provides the uncertainty simultaneously consistent with all the available data. We discuss the basic mathematical logic of the Bayesian probability theory and provide a practical procedure how it can be used to analyze experimental data with a few examples. Furthermore, we discuss how the fundamental knowledge of physics supports the interpretation of the analyzed data.

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Not only students for Department of Advanced Energy Engineering Science but other departments' students are also welcomed to audit the seminars.
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【単位認定について】　先端エネルギー理工学特別講義 第二＜M3902＞の単位として認定されます。※
先端エネルギー理工学セミナー（Seminar on Advanced Energy Engineering Science）はバウチャー制を採用しており、7 回　当セミナーを受講した学生には 1 単位が認定されることになっています。先端エネルギー理工学専攻の学生はもちろん、先端エネルギー理工学専攻以外の学生諸君も是非聴講して下さい。
※セミナーが英語で行われる場合は先端エネルギー理工学特別講義 第一＜M3901＞も対象となります。