FY2019 Special Lectures for Graduate School

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<th>Course:</th>
<th>History of Fusion Research over Half a Century</th>
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<td>Lecturer:</td>
<td>Masayuki YOKOYAMA</td>
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<td>Dates:</td>
<td>From May 2019 to July 2019 (negotiable with students)</td>
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**Outline:**
Fusion research has been developed more than half a century. It would be worthwhile for students to know how fusion research has come to the present status, based on enthusiasms and discouragements in many places and many occasions.

The book, “Nuclear Fusion – Half a Century of Magnetic Confinement Fusion Research, C. M. Braams and P. E. Stott, IoP Publishing” will be used as a textbook.

**Sales Point:**
Lectures will be made in English, so that it would be a practical occasion to make discussions in English not on too much detailed knowledge in every aspect of fusion research. Thus, students with wide-range expertise (experiment, theory-simulation, engineering etc.) may easily join the course. Understanding history of fusion research will be so beneficial for students to consider his/her forefront career as well.

**Lecturer:**
Masayuki YOKOYAMA (Fusion Theory and Simulation Division) : Playing a leading role for development and application of integrated transport analysis suite, TASK3D-a, for LHD experiment

**Quota of participants:** not defined (participation of many students would make a course more interactive with many perspectives).

**Application:**
Masayuki YOKOYAMA  e-mail: yokoyama.masayuki@nifs.ac.jp  ext. : 2283 (Office 829)

**Comment:**
Taking-turns reading and round-table discussion are expected (negotiable with students).