

総合科学技術共同教育センター（GJEC） 集中講義のご案内

総合科学技術共同教育センター(GJEC)・国際共同教育部門では、海外から客員教授を招聘し、集中講義を行っています。今回は、Institute of Physics, AS CR (Czech Republic) より Pavel LEJCEK 先生をお呼びし、下記のとおり集中講義を行います。

この案内は博士前・後期課程の全学生にもメールにて通知しておりますが、学生たちには積極的に受講するよう、ご指導よろしくお願い申し上げます。英語で行われる授業ですので、留学生にも受講するようご案内ください。

-----以下、学生への通知メール-----

To all GSST Students

From Mitsuyo Kishida

Director, Division of International Joint Education

Global Joint Education Center for Science and Technology

Announcement of Lectures in English by Invited Professors (Sougou-kagaku)

Global Joint Education Center for Science and Technology (GJEC) will offer the following intensive course in English.

Advanced Science and Technology C26 (1 credit)

Title:

Grain boundary segregation in metals

Instructor:

Prof. Pavel LEJCEK

Institute of Physics, AS CR (Czech Republic)

Schedule:

3/1(Mon) 10:20-11:50

3/2(Tue) 9:00-11:50

3/3(Wed) 9:00-11:50

3/4(Thu) 9:00-11:50

3/5(Fri) 9:00-10:10

Place: Room 308, Faculty of Engineering Research Building 1, 3F

Abstract:

The fundamentals of grain boundary segregation will be given in this lecture. First, the basic information on the grain boundary structure and classification will be given. Then the main description of equilibrium segregation will be derived and the thermodynamic functions used in this description will be defined. Individual parameters affecting this phenomenon (temperature, pressure, composition, magnetic field, energy and grain size) will be discussed. Finally, basic information on non-equilibrium segregation and consequences of grain boundary segregation for mechanical and other physical properties of grain boundaries will be shown.

Registration:

Register at Project Support Section.

(We need the information of your name, student ID number, Course(M or D)/Year, Field/Department)

Deadline is Feb. 26, 2010.

Note:

Both Master's and Doctoral students can take the class.

Students who enrolled before April 2009 can audit but not earn a credit.

However a letter of certificate will be issued for such students (including exchange students) when they completed and obtained the grade.

Inquiry and registration:

Project Support Section

szk-project@jimu.kumamoto-u.ac.jp