



CERIES

Tohoku University Electro-Related Departments
Global COE Program

Center of Education and Research for Information Electronics Systems

Seminar

1st Global COE Seminar

Theme : “Scientific Presenting or How to Give a Good Scientific Talk”

Lecture: Dr. Habil. Claus Ascheron

(Executive Editor Physics Springer-Verlag)

Date/Time : January 24 (THU) 13:00 ~ 17:00 Introduction

25 (FRI) 9:00 ~ 13:00 Practical Exercises

Place : Room 204, Research Building No.2

- Electrical, Information, and Physics Engineering -

Outline : **Part I of the course is a basic lecture.** This lecture will be given by a former Professor of Kyoto University and physics editor of Springer-Verlag, one of the world-wide leading international publishing companies.



A careful introduction to scientific presenting is given together with detailed advice for researchers and advanced students on how to prepare and give good scientific talks and lectures. This instruction is also based on personal experience with the approach to scientific presenting in different countries gained as a visiting professor at various universities, in a two years' stay in Japan as a Professor of Kyoto University, e.g. The topics discussed will be:

- ✚ Planning a scientific presentation
- ✚ Organisation and structure of scientific presentations
- ✚ Ways of presenting
- ✚ How to give a good oral presentation
- ✚ Importance of side aspects for the success of a presentation
- ✚ Behaviour in the discussion
- ✚ Body language
- ✚ Preparation of transparencies
- ✚ Preparation of posters
- ✚ Chairing a meeting

This lecture will help every researcher and student to improve her/his way to give scientific presentations.

Part II of the course are practical exercises. Attendees should give short (5-10 min) presentations already prepared for other occasions. These presentations will be discussed and commented to improve the style.

Criteria to Evaluate the Quality of a Presentation should be:

- ✚ Is the content appropriate?
 - Do the contents correspond to this what the title promises?
 - Is the content explained in an understandable way?
 - Are the basics explained in a way to understand the following part?
- ✚ Are the figures explained appropriately?
- ✚ Is the structure of the presentation in the expected style?
 - Introduction
 - experiment/theory
 - results and discussion or: results, discussion
 - summary/conclusions

Is this what is called conclusions really conclusions?
- ✚ quality of the slides
 - didactical style
 - content, overloaded?
 - colour to support the information
 - strength of the lines/frame
- ✚ Are the contents presented in the time planned?
- ✚ Is the language good enough?
 - no Greek for just specialists
 - English good enough: (vocabulary, pronunciation)
- ✚ style of presenting
- ✚ body language
 - supportive or disturbing
 - secure or insecure impression
- ✚ use of citations