

**13th International Association for Sport Information World Congress  
11-13 March, 2009 - Canberra, Australia**

**The e-Learning contents for P.E. and sport science students: practical  
use of video contents and portable devices.**

**Prof. Takahiro Kitamura**  
National Institute of Fitness and Sports  
Japan



Australian Government  
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*Building and sustaining sport information communities -  
through connectivity, collaboration and sharing*



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# **The e-Learning contents for P.E. and sport science students: Practical use of video contents and portable devices**

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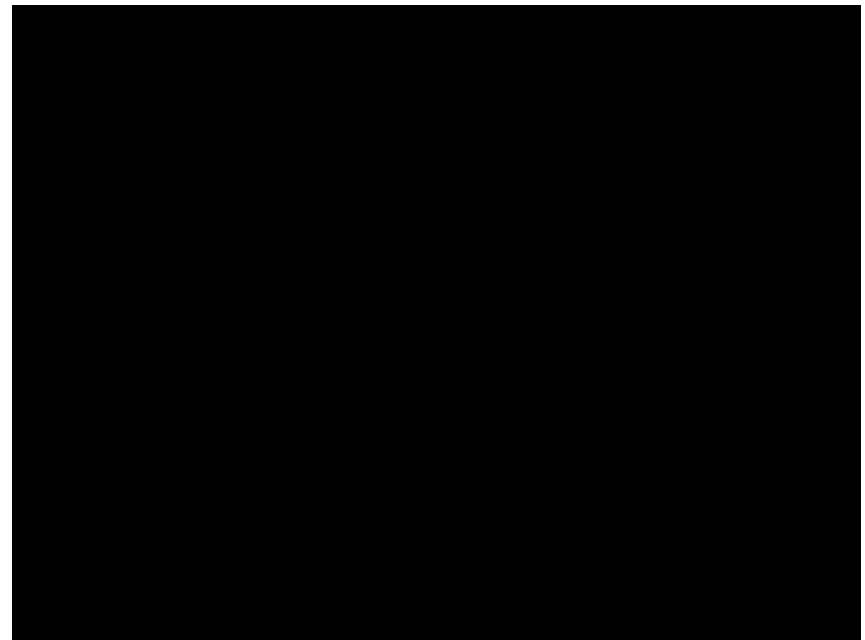
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- Introduction
  - About National Institute of Fitness & Sports
  - Our internship program & supporting system
- Offering video contents for self-learning
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- Future issues and challenge



# About NIFS

- National university for P.E. and Sport sciences in Japan
- Established in 1981
- Faculty of Physical Education
  - Department of Sport sciences
  - Department of Martial arts
- Our mission
  - to educate practical leaders in the field of P.E. and sport science

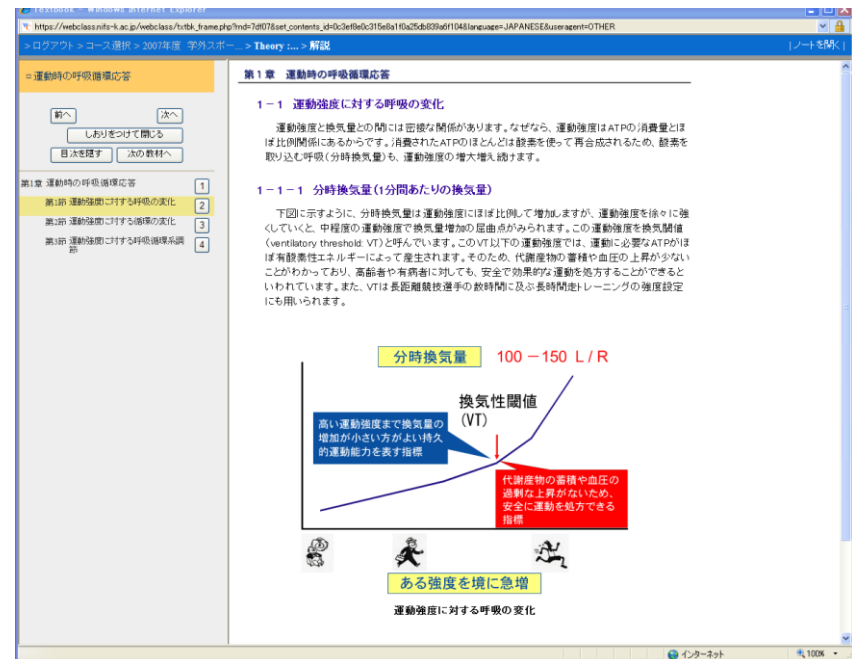




# Internship Program at NIFS

- Bridging theory and practice
  - Since 1986
- 2 weeks program on work site
  - A course of the faculty
  - For third year students
  - @Fitness clubs, public sport facilities, sport clubs etc.
  - 60 students (in 2008)
- Issues
  - New curriculum
    - Lack of pre-internship program
  - Need for standardization of guidance between professors.

- Course on LMS
  - Integrate pre-internship program
  - Producing and offering e-Learning contents
    - Theory, Practice and Internships
- Issues of LMS
  - Low usage rate
  - Infrastructure
    - PC, Network





# Using a portable device: iPod touch



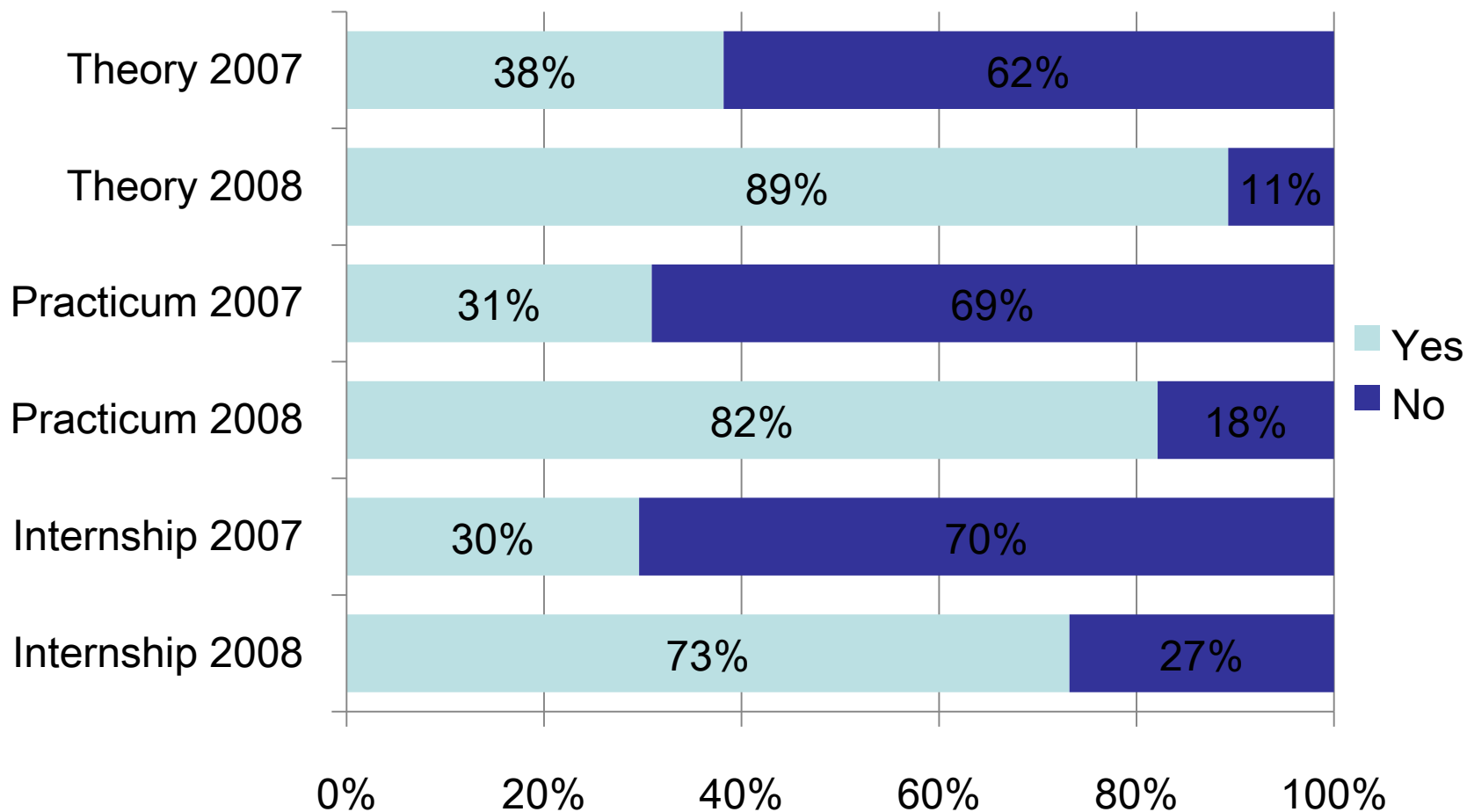
# Video Contents on iPod touch

- Practicum
  - Aerobic dance exercise
  - Weight training
  - Walking
  - Swimming



# Usage rate of e-Learning contents

Q. Did you use/view e-learning contents before your internship?





# Using portable device for P.E. students

- Advantages
  - Video and image
  - Location free
    - Anytime, anywhere and anyone
  - User friendly interface
  - Wi-Fi network
    - Access to LMS



# Future issues

- increasing the use of video contents in other courses
  - not only for the internship program but also other practicum
  - Time, energy, and cost: developing contents



# A challenge at a course





# A challenge at a course



# Thank you for your attention

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