

# Introduction to “Future Internet” Course

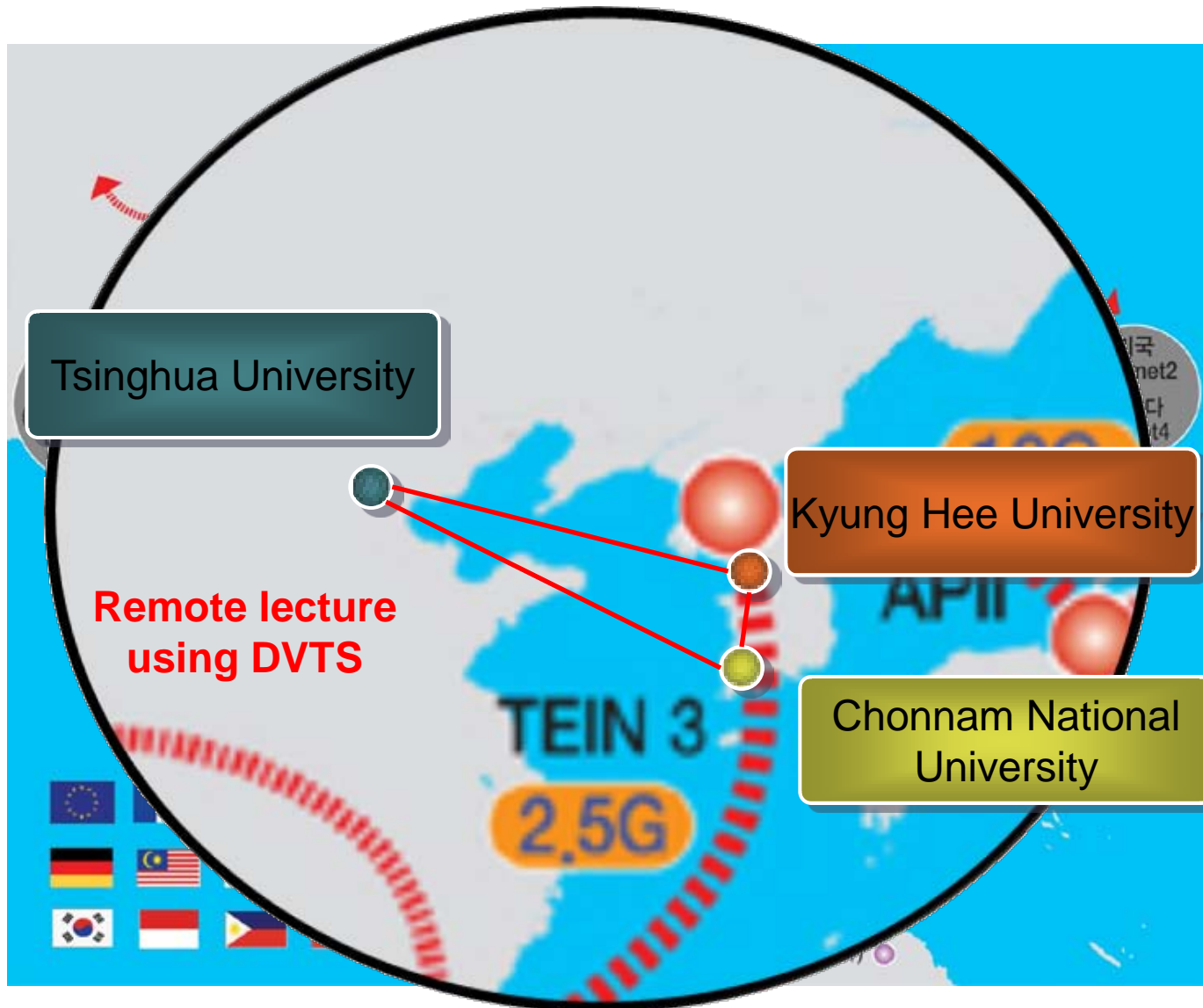
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# Course Description

The Internet has been initially used for information exchange and browsing. Currently, the Internet is being used for much more things (e.g., entertainment, politics, banking, shopping and trading) and one cannot live without it these days. However, the Internet has many problems with important issues such as quality of service and security. Recently, researchers have been working on redesigning the Internet, which is now being referred to as the Future Internet. There are mainly two approaches: evolutionary and revolutionary (or clean slate). In this course, we review the current Internet and investigate its problems. We will also examine the two approaches for designing the Future Internet. And we will focus on the manageability aspect of the Future Internet. We will then discuss and come up with possible areas or methods for overcoming the existing problems for the Future Internet.

So, this class will be discussed principles and technologies arising from the need to spread the research areas of Future Internet.

# Network Topology



# Introduction to Professors

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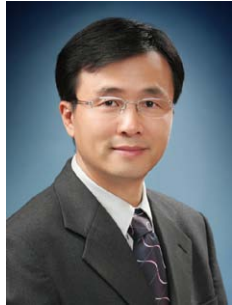


Prof. Jun Bi

- ▣ B.S., M.S., and Ph.D., Dept of Computer Science, Tsinghua University
- ▣ 1999 – 2000, Postdoctoral Scholar, Bell Lab., Lucent Technology
- ▣ 2000 – 2003, Research Scientist of Bell Lab, Lucent Technology
- ▣ 2003 – Present, Full Professor/director of Network Architecture & IPv6 Research Division, Network Research Center of Tsinghua University
- ▣ <http://netarchlab.tsinghua.edu.cn/~junbi/>

# Introduction to Professors

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Prof. DJ Choi

- ▣ B.S., Dept. of Computer Eng, Seoul National University
- ▣ M.S., Dept. of Computer Science, KAIST
- ▣ Ph.D., Dept. of Computer Eng., University of Missouri
- ▣ 1991 ~ Present, Professor, Dept. of Computer Engineering, Chonnam National University
- ▣ 2006 – 2007, Visiting Research Scholar, University of Missouri
- ▣ 2009 – present, Director, Computer Center, Chonnam National University

# Introduction to Professors

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Prof. CS Hong

- B.S., M.S., Dept. of Electronic Eng., Kyung Hee University
- Ph.D., Dept. of Information and Computer Science, Keio University
- 1988 – 1999, Senior Member of Technical Staff, KT, Korea
- 1999 – Present, Professor, Dept of Computer Eng., Kyung Hee University
- 2007 – Present, Director, Institute of Multimedia Technology
- 2009- Present, Head, Dept. of Computer Engineering, Kyung Hee University

# Lecture Schedule

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- Sept. 7 : Introduction to FI Lecture / What is Future Internet? (CS)
- Sept. 14: Future Internet Architectures (Jun)
- Sept. 21: No Class (Korean Thanksgiving day)
- Sept. 28: Future Internet Access Network(DJ)
- Oct. 5: Future Internet Service/Application (DJ)
- Oct. 12: Future Internet Testbeds (CS)
- Oct. 19: Naming and Addressing for Future Internet (Jun)
- Oct. 26 : Mid-Term Exam
- Nov. 2: Routing in Future Internet (DJ)
- Nov. 9: Manageability in Future Internet (CS)

# Lecture Schedule

- Nov. 16: Security in Future Internet (Jun)
- Nov. 23: Mobility in Future Internet (CS)
- Nov. 30: Special Topic 1 for Future Internet (Jun)
- Dec. 7: Special topic 2 for Future Internet (DJ)
- Dec. 14: Special Topic 3 for Future Internet (Invited Speaker)
- Dec. 21: Final Term Exam

\* But it could be changed according to the lecturers' unexpected schedule.



# Questions or Comments

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