

| Symposium Speaker   |   |
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| Name  | Sangyeup Kim  |
| Affiliation   | NTT Corp.   |
| Presentation Title  | Broadband Access in Japan and Flexible Optical Access |
| Biography   |   |
| <p>Sang Yuep Kim received the Ph.D. degree in electronics engineering from Kwangwoon University, Seoul, Korea, in 2004. From 2004 to 2007, he was with the University of Tokyo, Japan, under a Postdoctoral Foreign Researcher Fellowship. In 2008, he joined NTT Access Network Service Systems Laboratories, NTT Corporation, Chiba, Japan. He is currently researching DSP technologies and software re-defined access architectures for future optical access systems.</p>                              |   |
| 200 words abstract  |   |
| <p>This talk covers how NTT meets the challenges encountered when designing future optical access given the paradigm shift in business strategies and the wide variation in service requirements. We introduce a novel fully-softwarized access platform that offers transmission/physical layer functions on commodity servers. Of particular interest, implementing advanced digital signal processing (DSP)-oriented optical access as software maximizes server utilization and system flexibility.</p> |   |