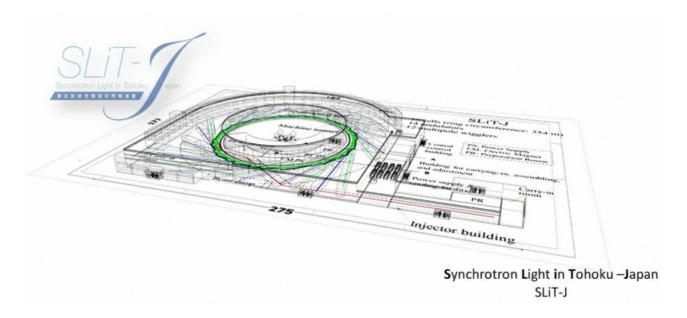
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The new 3GeV SR facility in Japan, SLiT-J project

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Advanced Synchrotron Radiation(SR) has been recognized as a premier research tool for developments of Nano Science and Technology as well as industry core application. Large-scale SR facilities around the world constantly evolved to provide super brilliant and super directive X-ray and has built a new range of applications of the Nano-disciplines. Soon after the Great East Japan Earthquake in 2011, a low emittance(0.93nmrad) 3GeV SR facility, Synchrotron Light in Tohoku(SLiT-J), has been projected. The primary target of the project is to pioneer single nanometer scale resolution imaging as a "Super Light Source for Industrial Technology". A groundbreaking concept of industry-academy alliance for SR application, "Coalition Concept", is also arising out of the dialogue with industries and professors about outlook for the research market of SLiT-J. A private/public partnership are being formulated to reinforce the foundations of facility planning. The latest status and the perspectives on the project will be presented.



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