## **Local Transport Analysis in Network of Carbon Nanotubes by Scanning Gate Microscopy**

## Nobuyuki Aoki

Graduate School of Advanced Integration Science
Chiba University

## 一、研究領域簡介



Nobuyuki Aoki is Associate Professor, Graduate School of Advanced Integration Science, Chiba University, Chiba, Japan. He also works as PREST researcher at Japan Science and Technology Agency (JST) from 2012. He worked as a Faculty Research Associate at Arizona State University in USA from 2004 to 2005 with a support from the Japanese Society for the

Promotion (JSPS) Postdoctoral Fellowships for Research Abroad 2004. Recent research highlights include development of a scanning gate microscopy for local transports analysis in semiconductor nano-structures such as quantum point contact, quantum dot and carbon nano-tubes. And also, C<sub>60</sub> fullerene polymer is studied for an application as a pluripotent-stem molecule. He is a member of JPS, JSAP and FNTG.

## 二、聯絡方式

Tel:研究室電話:+81-43-290-3430 (自然科学系総合研究棟 2 号館 102 室)

Fax: +81-43-290-3427

E-mail: n-aoki@faculty.chiba-u.jp