Abstract Submitted
for the GEC15 Meeting of
The American Physical Society

The structure of carbon needle-shaped materials grown above dehydrated ethanol using DC and AC surface plasma[1] DMYTRO KOZAK, ETSURO SHIBATA, ATSUSHI IIZUKA, TAKASHI NAKAMURA, Institute of Multidisciplinary Research for Advanced Materials (IMRAM), Tohoku University, 1, 1 Katahira, 2-Chome, Aobaku, Sendai 980-8577, Japan — The developed method allows growing the carbon needle-shaped materials, which exhibit glassy carbon- and pyrocarbon-like structures, using DC and AC surface plasma on the cathode above dehydrated ethanol.

[1]This work was supported by the Management Expenses Grants for National Universities Corporations "Nano-Macro Materials, Devices and System Research" from the Ministry of Eduction, Culture, Spots, Science and Technology (MEXT) of Japan.

Dmytro Kozak
Institute of Multidisciplinary Research for Advanced Materials (IMRAM),
Tohoku University, 1, 1 Katahira, 2-Chome, Aobaku,
Sendai 980-8577, Japan

Date submitted: 06 Jun 2015 Electronic form version 1.4