

Keiji TANAKA

Keiji Tanaka (born in December 1947 in Wakayama city) is a Japanese solid-state physicist.

After receiving Master Degree in Hokkaido University in Sapporo in 1972, he worked as a member of Central Laboratory in Canon Inc. in Tokyo for two years. Then, he came back to the university as a research associate. He got Doctor Degree in 1980 with a dissertation “Photoinduced refractive-index changes in As-S amorphous semiconductor films”. He became a lecturer in Department of Applied Physics, associate professor, and full professor in 1991, and retired in 2012.

His interest covers amorphous semiconductors, chalcogenide glasses, and optical properties of solids.

Honors

1st Ovshinsky Award (2001)

“Fellow” of The Japan Society of Applied Physics (2010)

APEX/JJAP Editorial Contribution Award (2011)



Selected works

[Amorphous Chalcogenide Semiconductors and Related materials](#),

K. Tanaka and K. Shimakawa (Springer, 2011).

[STRUCTURAL PHASE-TRANSITIONS IN CHALCOGENIDE GLASSES](#)

TANAKA, K., Phys. Rev. B 39, (1989) 1270-1279.

[OPTICAL MICROFABRICATION OF CHALCOGENIDE GLASSES](#)

HISAKUNI, H. and TANAKA, K., Science 270, (1995) 974-975.

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