

Symposium | Symposium | 30th Anniversary Symposium on the Discovery of Cuprate Superconductors

[19p-H101-1~9]30th Anniversary Symposium on the Discovery of Cuprate Superconductors

Seiki Miyata(Tamagawa Univ.), Yoshihiko Takano(NIMS)

Sat. Mar 19, 2016 1:15 PM - 5:30 PM H101 (H)

1:45 PM - 2:30 PM

[19p-H101-2]High Temperature Superconductivity: Past and Future.

O Hidetoshi Fukuyama¹ (1.Tokyo Univ.Science)

Keywords:High Temperature Superconductor

Regarding high temperature superconductivity(HTS), cuprates offered a drastically new view of strongly correlated "Doped Mott Insulators". Later, discovery of Fe-Pnictides based on Fe element, the symbol of magnets, has indicated a broader possibility. Moreover the recent finding in H₃S under high pressure has proved the existence of material having $T_c \sim 200\text{K}$ in nature. Having seen all these, further interesting possibility of HTS will be addressed.