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**Some problems in the competition of high-temperature superconductivity research during the late 1980s**  
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After A. Müller and J.G. Bednorz found that Oxide Ba-La-Cu-O could have  $T_c$  for 30K in 1986, a special competition in High Temperature superconductors research began in the world, especially among American, Japanese and Chinese scientists in late 1980's. By investigating that competition in history, some interesting problems were found. There are strategy used by scientists in different country which differ from normal science period; Question about the peer review and competition in that special period; "Matthew's Effect" in that competition; some question about the disclosure of the secret information and competition; and, finally what methodology was used by Chinese scientists. All that problems are not only historically, but also have some sociological and philosophical meaning. Based on historical re-investigation, all those problems were discussed in the paper.