



第123回触媒化学研究センター談話会

演 題 : Recent Progress in Polymer
Electrolyte Fuel Cells (PEFCs)

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15:00 - 16:30

会 場 : 理学部2号館 409室

要 旨 : As one of the important fuel cells with low temperature, polymer electrolyte fuel cell (PEFC) is attracting wide attention now. In the present talk, after a brief introduction about the principle about the PEFC, advantages, difficulties and recent progress in their application of PEFC will be discussed briefly. Then, I will concentrate my discussion on the direct methanol fuel cells (DMFCs), one of the most promising PFECs. Some recent works aimed at developing DMFCs for vehicles carried out in Germany in the field of electro-catalyst, membrane electrolyte, membrane electrode assemblies and stacks will be given.

《連絡先》 北大触媒化学研究センター 界面分子化学分野
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