**Ab-P009** Room: IR Time: June 26 17:30-19:00

## Measurement of electric conductivity in high pressure and high temperature

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Our group deveroped an apparatus of measurement of electric conductivity in high pressure and high temperature using AC complex impedance method. Our group measured olivine (containing 10mol%Fe2SiO4) at 4GPa and its activation energy is 0.7 eV.