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## Research and Technology Note

- Development of In-Vessel Cryo-Sorption Pump for LHD Closed Helical Divertor  
..... MURASE Takanori, MOTOJIMA Gen, TANAKA Hirohiko and MORISAKI Tomohiro 213

## Commentary

- Status and Prospects on Development of Yttrium-Based High-Temperature Superconducting Coated Conductor  
..... IZUMI Teruo and YANAGI Nagato 222

## Special Topic Articles

- Recent Progress of Diagnostic Techniques on Reaction Process  
between Atmospheric Pressure Plasma and Liquid Phase
1. Introduction ..... KANEKO Toshiro 230
  2. Measurements of Electron Density and Electron Temperature of Atmospheric Pressure Plasmas  
Using Thomson Scattering ..... TOMITA Kentaro and UCHINO Kiichiro 232
  3. Measurement of Ionic Species in Atmospheric Pressure Plasma by Mass Spectrometry ..... NAGATO Kenkichi 236
  4. Applications of KI-Starch Reagent to Studies on Plasma-Liquid Interaction ..... KAWASAKI Toshiyuki 240
  5. Diagnostics of Plasma-Bio Reaction Processes by Electron Spin Resonance (ESR)  
..... ISHIKAWA Kenji, KONDO Takashi, TAKEDA Keigo, OH Jun-Seok,  
HASHIZUME Hiroshi, TANAKA Hiromasa, KONDO Hiroki, OHTA Takayuki,  
ITO Masafumi, SEKINE Makoto and HORI Masaru 246
  6. Summary ..... OHTA Takayuki 253

## Lecture Note

- Heat Extraction from the Fusion Reactor
3. Unique Heat Transfer Phenomena in the Fusion Reactor ..... ISHIYAMA Shintaro and SAGARA Akio 256

PFR Abstracts ..... 261

Information ..... 263

Plasma & Fusion Calendar ..... 267

Announcement ..... 268

## Cover

Side view of the helical fusion reactor FFHR-d1 equipped with the liquid metal limiter/divertor, REVOLVER-D. Multiple free-falling jets of liquid tin stabilized by inserted flow resistance (e.g., chain, tape, etc.) are used as a target (F to G in the figure). The required pumping power for the circulation of the liquid tin in the case of a fusion output of 3 GW is estimated to be less than 10 MW using insulated ducts. (Takuya GOTO *et al.*, Plasma and Fusion Research, Vol.12, 1405016 (2017) <http://www.jspf.or.jp/>)