

5/11-15 に、フランス Laboratoire de Meteorologie Dynamique (LMD) の惑星大気研究者を招聘し、惑星大気研究に関するセミナー（ワークショップ）を開催します。

\* ウェブページ

<http://wtk.gfd-dennou.org/2015-05-11/>

\* 場所

神戸大学 惑星科学研究センター (CPS)

<https://www.cps-jp.org/>

\* 日程

5/11(午後開始) - 5/15

\* 来日するフランス側研究者

\* Ehouarn Millour, LMD

\* Francois Forget, LMD

\* Sebastien Lebonnois, LMD

\* Aymeric Spiga, LMD

興味のある方はご連絡/ご参加ください。

なお、本セミナー（ワークショップ）は、日本学術振興会二国間交流事業共同研究/セミナーの支援で実施されます。

== Agenda and list of talks

(今回のプログラムは、講演日毎に講演リストを並べているだけで、それぞれの講演時刻は決めていません。それぞれの講演は議論を含めて ~30 分を目安（延びることもあるだろう）と考えています。)

=== Monday 11th May afternoon:

\* Model development/maintenance activities in France and Japan

\* Planetary atmosphere modeling and analysis activities in LMD (F. Forget, LMD)

\* Model development in GFD Dennou Club (Y. O. Takahashi, Kobe U.)

- \* Organization and technical aspect of LMD model development (E. Millour, LMD)

- \* Development of a Japan–German Mars GCM: Toward coupling between lower and upper atmosphere (T. Kuroda, Tohoku U.)

- \* RIKEN AIGS LES model development (S. Nishizawa, RIKEN)

=== Tuesday 12th May:

- \* Modeling of terrestrial planets

- \* Modeling current and ancient Mars with the LMD GCM (F. Forget, LMD)

- \* Ensemble experiments of Mars atmosphere using a GCM (K. Ogohara, Shiga Pref. U.)

- \* Convection on (early) Mars (M. Odaka, Hokkaido U.)

- \* LMD Mesoscale modeling Mars & Venus (A. Spiga, LMD)

- \* turbulence on Mars (Seiya Nishizawa, RIKEN)

- \* Convective generation of gravity waves on Mars (Takeshi Imamura, JAXA)

- \* dust devils on Earth (T. Takemi, Kyoto U.)

- \* A new method to estimate wind vector by cloud tracking (T. Horinouchi, Hokkaido U.)

- \* Reception

=== Wednesday 13th May:

- \* Modeling of terrestrial planets (Cont.)

- \* LMD Venus & Titan GCMs (S. Lebonnois, LMD)

- \* General circulation and high–latitude atmospheric dynamics of a cloud–covered planet (M. Yamamoto, Kyushu U.)

- \* Exploration and observations, Future missions

- \* Mars Express (F. Forget, LMD)

- \* Data analysis of Mars orbiters (K. Noguchi, Nara Women's U.)

- \* Mars Climate database (E. Millour, LMD)
- \* Future Japanese Mars EDL mission (K. Fujita, JAXA)
- \* Future lander observation by Japanese Mars EDL mission (G. L. Hashimoto, Okayama U.)
- \* Assessment of possible Mars landing site (K. Sugiyama, JAXA)
- \* Future Mars atmospheric observation by orbiter (T. Imamura, JAXA or K Ogohara, Shiga Pref. U.)

=== Thursday 14th May:

- \* Exploration and observations, Future missions (Cont.)
  - \* Future atmospheric observations by Insight and ExoMars mission (A. Spiga, LMD)
  - \* MARBL: Proposed LIDAR observation of the Martian PBL (F. Forget, LMD)
  - \* Current status and science goals of Venus orbiter Akatsuki (T. Imamura, JAXA)
  - \* Venus Express (S. Lebonnois, LMD)
- \* Gas giants, its satellites, and exoplanets modeling and observations
  - \* Modeling Saturn's stratosphere at high resolution (A. Spiga, LMD)
  - \* A GCM for Jupiter and gas giants developed in the Max Planck institute (T. Kuroda, Tohoku U.)
  - \* Jupiter-like atmospheres (S. Takehiro, Kyoto U.)
  - \* Convection on Jovian atmospheres (K. Sugiyama, JAXA)

=== Friday 15th May

- \* Exploration and observations, Future missions (Cont.)
  - \* Future Japanese Mars aeronomy mission (K. Seki, Nagoya U.)
  - \* Optical observation by future Japanese Mars aeronomy mission (M. Taguchi, Rikkyo U.)

- \* Gas giants, its satellites, and exoplanets modeling and observations
  - \* Earth-like exoplanets (Y.-Y. Hayashi, Kobe U.)
  - \* LMD generic GCM and its use for exoplanet modeling (F. Forget, LMD)
  - \* Radiation model development and its use for exoplanets (M. Onishi, Kobe U.)
  - \* Triton and Pluto modeling (F. Forget, LMD)
  
- \* Discussion
  - \* Future model developments
  - \* Future observations