

# 2017 International Workshop in BRAZIL

-Global Business and Industry-University Collaborations-



**March 20 -27, 2017**



Universidade de Sao Paulo (USP)  
Mechanical Sciences and Engineering,  
Laboratory of Environmental and Thermal  
Engineering (LETE) ,  
Comfort Engineering Center (CEC)



**EMBRAER**

One of the largest aerospace companies in the world. Market leaders in commercial jets with up to 120 seats



Company operating on an integrated basis and specializing in the oil, natural gas and energy industry

**PETROBRAS**

**DENSO**

One of the largest global automotive suppliers  
DENSO Do Brasil Ltda produce of air-conditioning systems and cooling modules

**AGC**

The world's leading producer of flat glass  
AGC Vidros do Brasil distributes for construction market and automotive sector

To be eligible to attend you must :

- Have a deep interest to BRAZIL
- Able to discuss on WS topics
- Have an approval from your supervisor
- Able to follow visiting countries immigration laws (visa and etc.)

To apply, send one-page abstract of your research topic and your scanned passport to:

[office@gmsi.t.u-tokyo.ac.jp](mailto:office@gmsi.t.u-tokyo.ac.jp)

by **Wed., Jan. 18, 2017**

\*Travel and accommodation expenses will be covered

# Call for participants:

## 2017 International Workshop in Brazil

### -Global Business and Industry-University Collaborations-

ブラジルでは、大規模な自然エネルギーの開発、バイオマス資源の活用が進みつつあり、航空機、石油産業などに世界有数の規模の企業が存在する。一方、急速な経済成長と共に都市への人口の急激な集中に伴う、様々な環境・社会問題が発生している。東大フォーラム2013等、様々な分野で東京大学はサンパウロ大学と交流を図ってきている。この様な国際交流を一層加速することを目的に、サンパウロ大学にて研究紹介のワークショップを実施する。合わせて、エンブラエル、ペトロbras、デンソー、旭硝子等を訪問して見学・議論を行う。グローバル企業の活動と産学連携の一端を知り、またブラジルの実際を感じ、グローバルリーダーとしての資質を身につける一助とする。参加は教員学生合わせて10名を予定。サンパウロ大学とエンブラエル、ペトロbras、デンソー等の企業訪問により、広範囲な分野の知識とその応用について学び、同時に、ブラジルの実際を知ることで、地域の社会課題の特定、その総合的なソリューション提案など、グローバルなソリューション実装に関する能力強化を図る。

In Brazil, development of large-scale renewable energy and utilization of biomass resources are progressing, and there are world's largest scale companies in aircraft, oil industry and etc. On the other hand, rapid population concentration in urban areas with their rapid growth has given rise to various environmental and social problems. The University of Tokyo has been trying to exchange with the University of Sao Paulo in various fields such as the University of Tokyo forum 2013. For the purpose of accelerating the international exchange, we will hold a workshop on introduction of research at the University of Sao Paulo. In addition, we will visit companies of Embraer, Petrobras, Denso, AGC and hold a discussion. By knowing the activities of global companies and part of industry-university collaboration and by feeling the realities of Brazil help to acquire the qualities as a global leader. The number of participants is scheduled to be 10 for students and faculty members. Through the visits of the University of Sao Paulo, Embraer, Petrobras, Denso and etc., we learn about knowledge and its application in a wide range of fields, and at the same time, by knowing actual facts in Brazil, we will strengthen capacity of global solution implementation such as identifying social issues in the region, proposing comprehensive solutions.

### Plan \*Tentative

March 20 depart from Tokyo

March 21 AM: arrival in Sao Paulo (GRU), Hotel Checkin (early checkin)

PM3-5 Students' workshop in Universidade de São Paulo (USP), (stay in Sao Paulo)

March 22 AM: Lab tour in USP (numerical tank, cabin etc.),

1pm: To Santa Barbara D'Oeste (~ 2 hours), 3pm visit to Denso factory,

5pm leave for Sao Paulo (~ 2 hours) , (stay in Sao Paulo)

March 23 7:30am To San Jose Dos (~ 2 hours), 9:30am visit to Embraer,

1:30pm to Guaratinguetá (~ 1.5 hours), 3pm visit to AGC factory,

5pm leave for Rio de Janeiro (~ 3.5 hours) , (stay in Rio de Janeiro)

March 24 Visit to Petrobras Research Center (CENPES) ) , (stay in Rio de Janeiro)

March 25 Rio de Janeiro cultural experience

night: leave Rio de Janeiro (GIG)

March 27 arrive to Tokyo

### Application

Please submit your scanned passport (first page with your picture) and 1-page abstract to [office@gmsi.t.u-tokyo.ac.jp](mailto:office@gmsi.t.u-tokyo.ac.jp) by Jan. 18, 2017.

The abstract should contain; title, name, email, course, grade, department, university, your supervising professor and summary of research including figures.( use abstract\_template.doc)

Your application should be approved in advance by your supervising professor. Please include his/her email address in CC when submitting the application.