



# INSTITUTE OF FLUID SCIENCE



## ***Mission***

To conduct academic as well as applied research on flow.



# INSTITUTE OF FLUID SCIENCE

## History

1943.10.05	<b>The Institute of High Speed Mechanics was established in Tohoku Imperial University.</b>
1950.05.11	Professor F. Numachi received the Japan Academy prize for his studies on cavitation performance of Hydrofoils
1975.06.02	Professor H. Ito received the Japan Academy prize for his hydro-dynamic studies on flow in pipes, especially in curved pipes.
1979.04.01	The Laboratory for Air-Flow Measurements was established.
1988.04.08	The Shock Wave Research Center was established.
1989.05.29	The Institute of Fluid Science was started as a result of re-organization.
1998.04.09	<b>The Institute of Fluid Science was re-inaugurated due to re-organization. The Shock Wave Research Center was also re-inaugurated.</b>
2000.04.01	The Interdisciplinary Shock Wave Research Center was established as a Center of Excellence.
2000.10.01	The Visualization-Informatics Division endowed by Japan SGI Corporation, was started.
2001.10.04	<b>The International Symposium on Advanced Fluid Information (AFI), was started by the host of the Institute of Fluid Science.</b>
2003.04.01	<b>The Transdisciplinary Fluid Integration Research Center was re-established.</b>
2003.09.01	<b>The International COE of Flow Dynamics was established by the 21st Century COE Program.</b>
2003.12.01	New Division endowed by Keihin Corporation was started.

## *Research Education*

### *Graduate Students*

Year	2003	2004	2005
Mater's course	93	94	98
Doctorate course	39	37	30
Researchers etc.	15	29	42

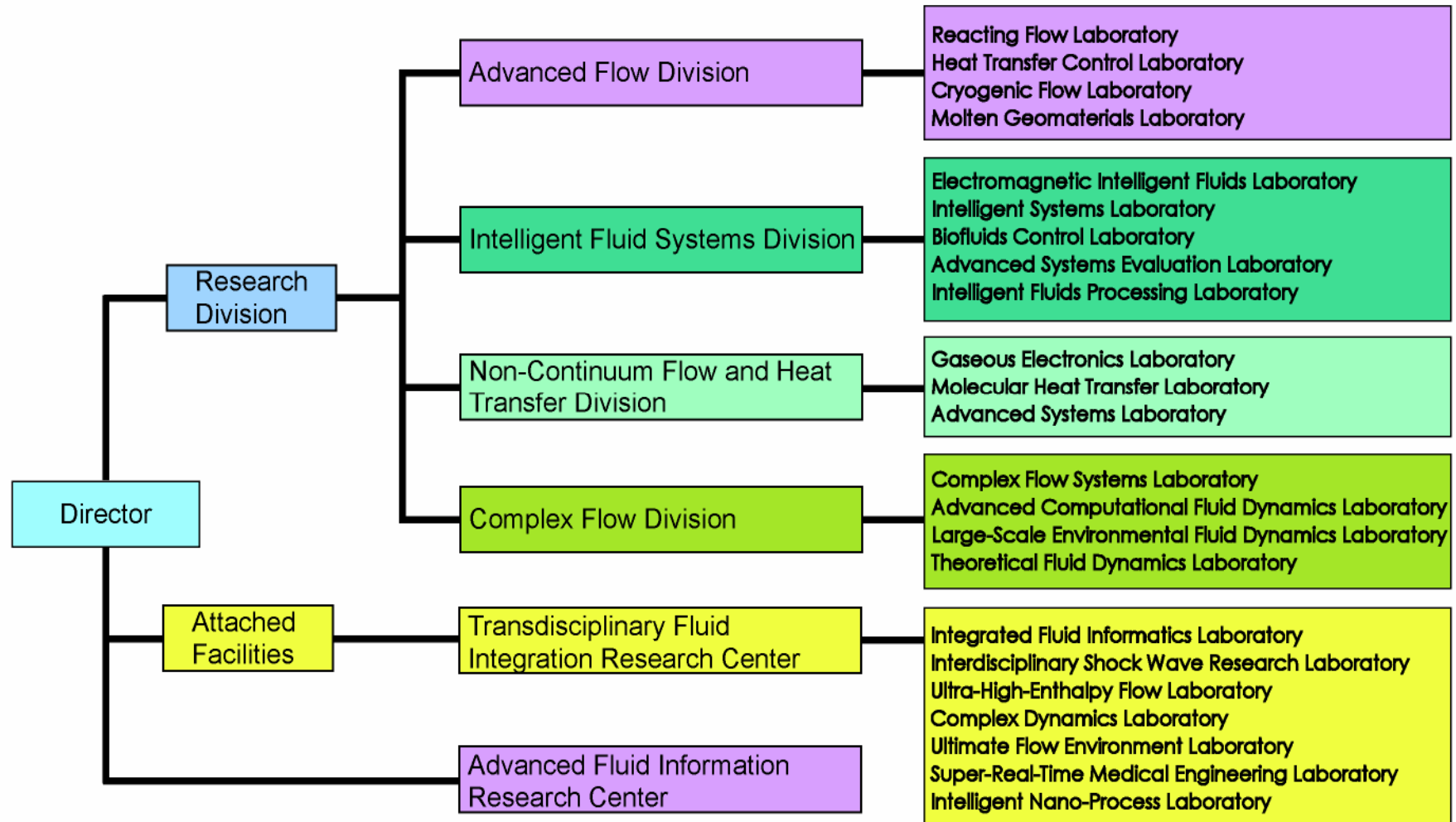
### *Academic Staffs (2006)*

Prof.	16
Visiting Prof.	3
Assoc. Prof.	11
Research Assoc.	13

### *Foreign Staffs (2006)*

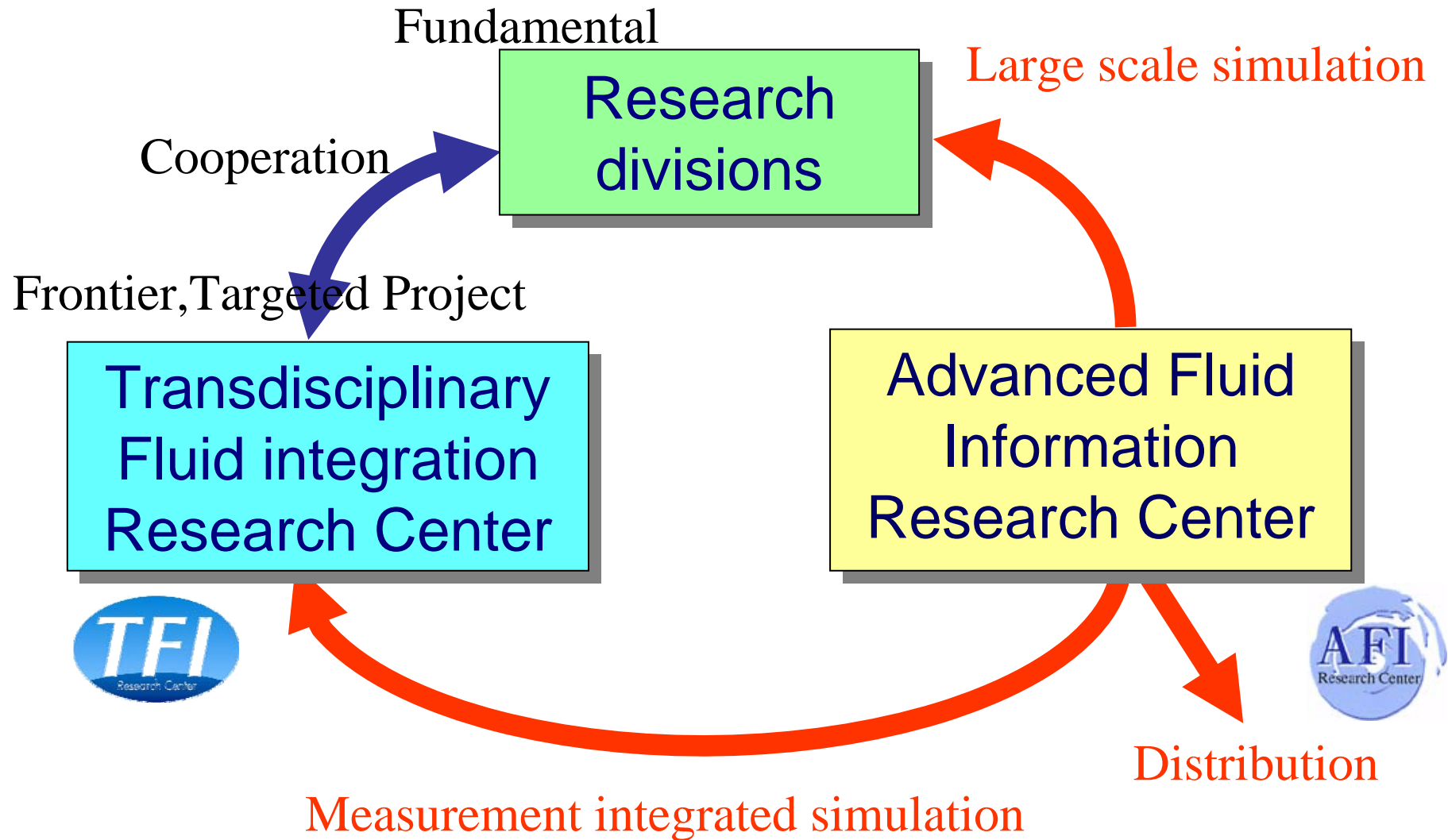
Prof.	1
Visiting Prof.	1
Assoc. Prof.	0
Research Assoc.	2

## Organization



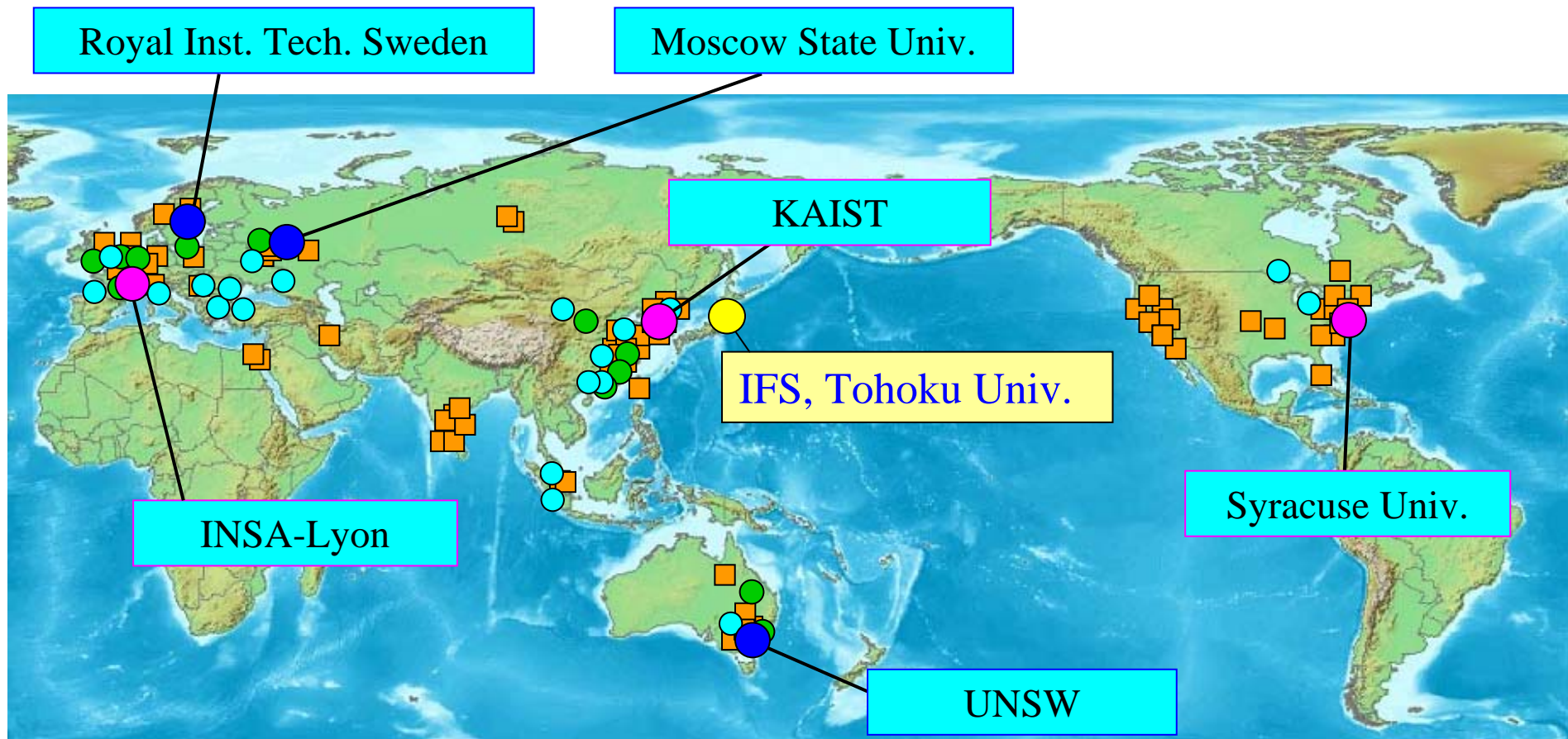


# Institute of Fluid Science





# International Networks of IFS



International Liaison Offices Established 6

Exchange Agreements 36

Research Collaborations 77

# The Mission and Objectives of the IFS

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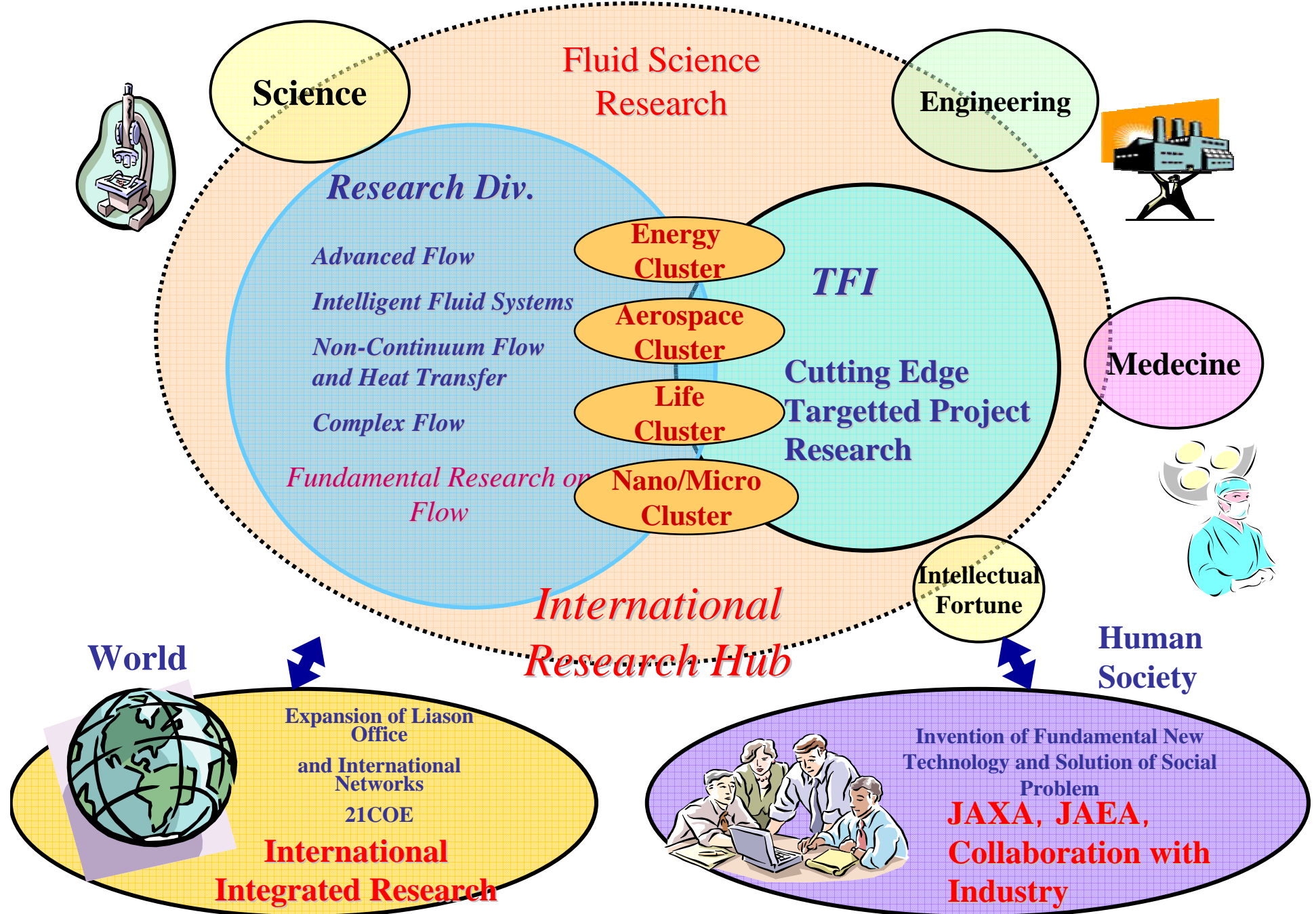
## The Fundamental Mission

Construction of the principle and theory of fluid science and its application

## IFS's Objectives and Future Prospects

1. Create a new academic realm
2. Focus concentration on the fields of energy, aerospace, life science and nano/micro technology
3. Work in cooperation with major research institutions through international networks and overseas hubs
4. Follow the "Open door" policy of Tohoku University

# Research Strategy of IFS





# IFS Road Map

