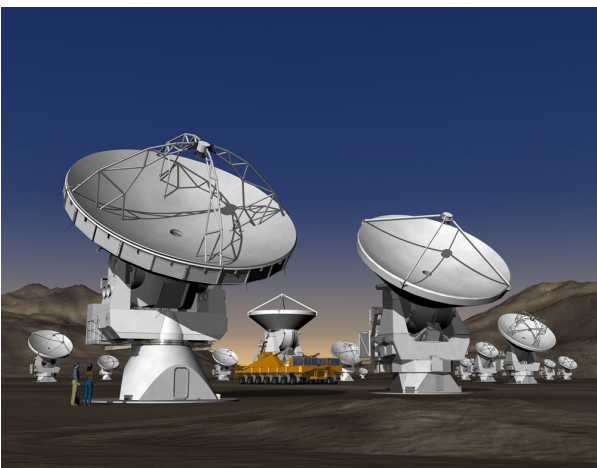


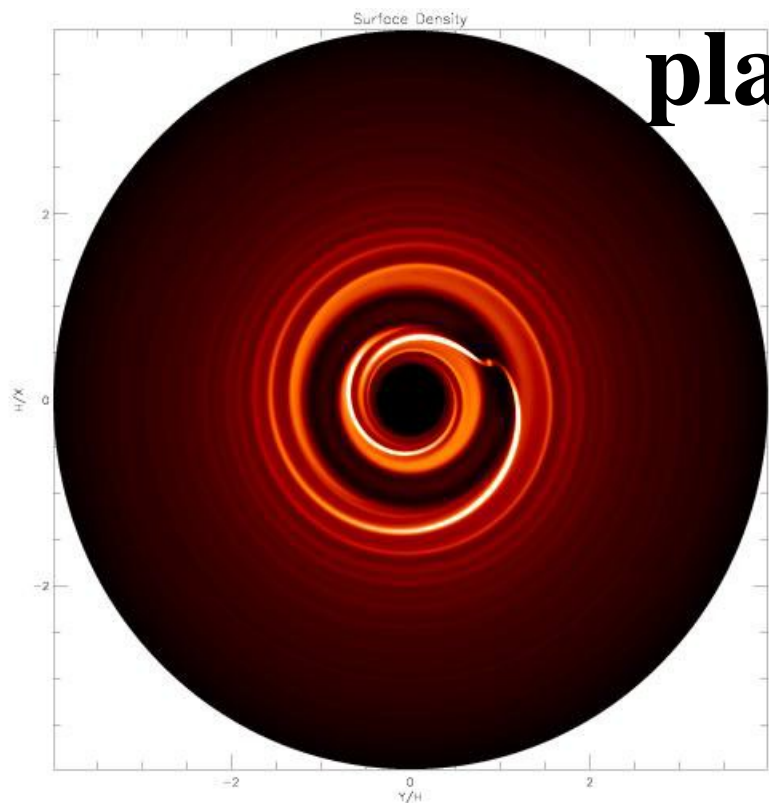


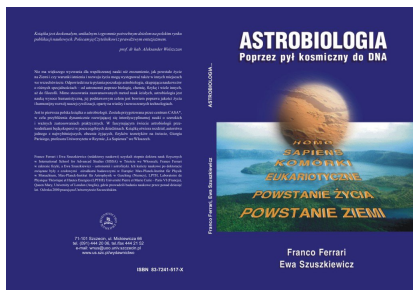
**Współczesna uczelnia
we
współczesnym świecie**





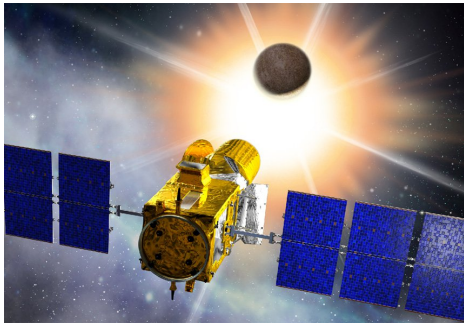
Odkrywamy i badamy planetarne układy pozasłoneczne.





Badamy powstanie i rozwój życia na Ziemi

Poszukujemy życia we Wszechświecie



Ewa Szuszkiewicz

CASA*

i Instytut Fizyki

Uniwersytetu Szczecińskiego



Franco Ferrari

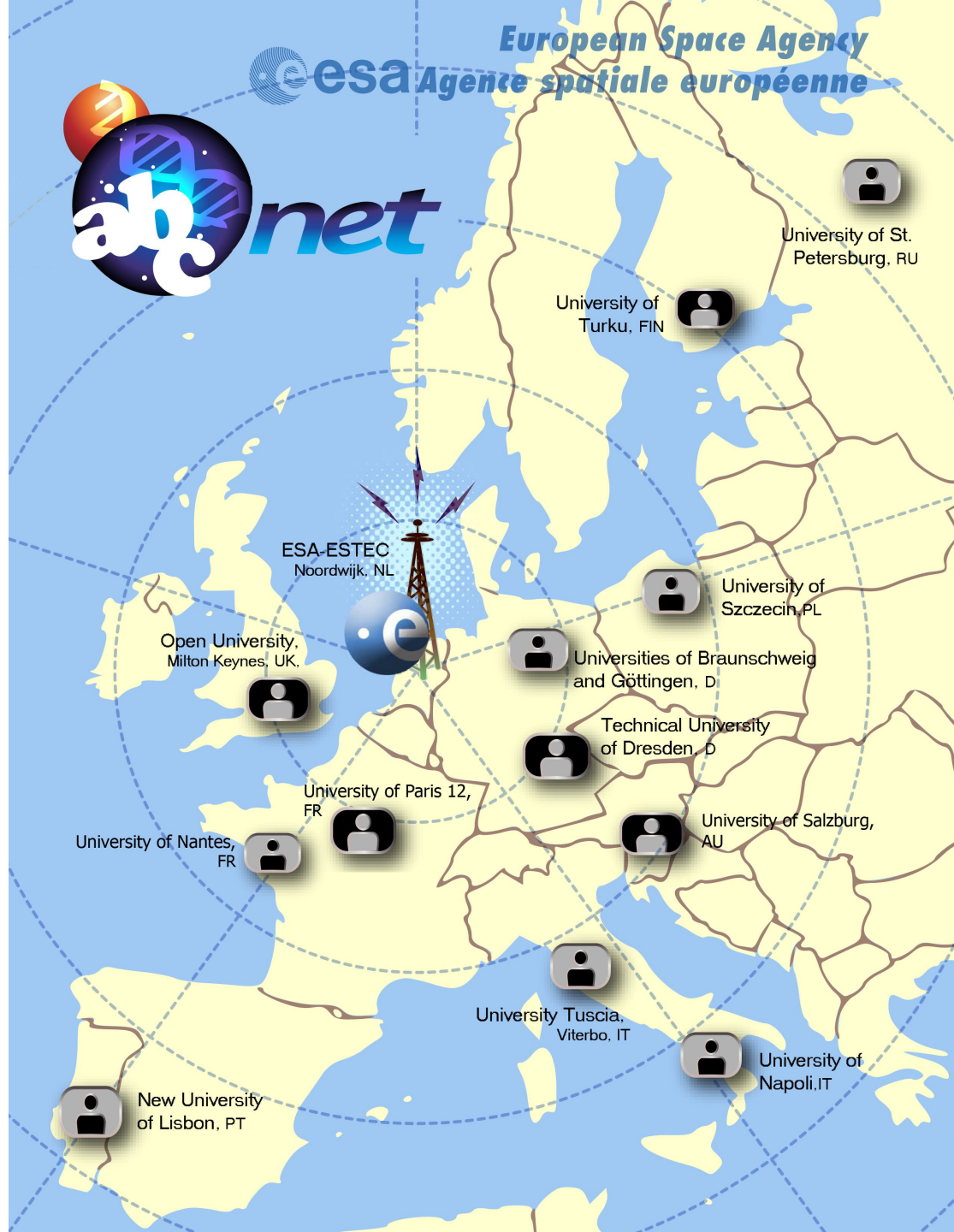
CASA*

i Instytut Fizyki

Uniwersytetu Szczecińskiego



European Space Agency
Agence spatiale européenne



ESA-ESTEC
Noordwijk, NL

Open University,
Milton Keynes, UK.



University of Paris 12,
FR



University of Nantes,
FR



University Tuscia,
Viterbo, IT



New University
of Lisbon, PT



Universities of Braunschweig
and Göttingen, D



Technical University
of Dresden, D



University of Salzburg,
AU



University of
Szczecin, PL



University of
Turku, FIN



University of St.
Petersburg, RU



Marine Coastal Station (MoSBUS) in Miedzyzdroje (Baltic Sea)

The aim:

- **to establish closer network co-operation with all Baltic coastal stations and relevant inland European field stations in Denmark, Germany (Zingst), Poland (Lubiatowo, Hel) and Lithuania (Prelia).**
- **to support local activities for environment protection, as well as preparing education programme for local community.**
- **to enhance international scientific cooperation**



**Scientific cooperation of Republic of Poland
and of People's Republic of China, based on
Western Pomerania and Guangdong. The
state of the art and the development
perspectives**

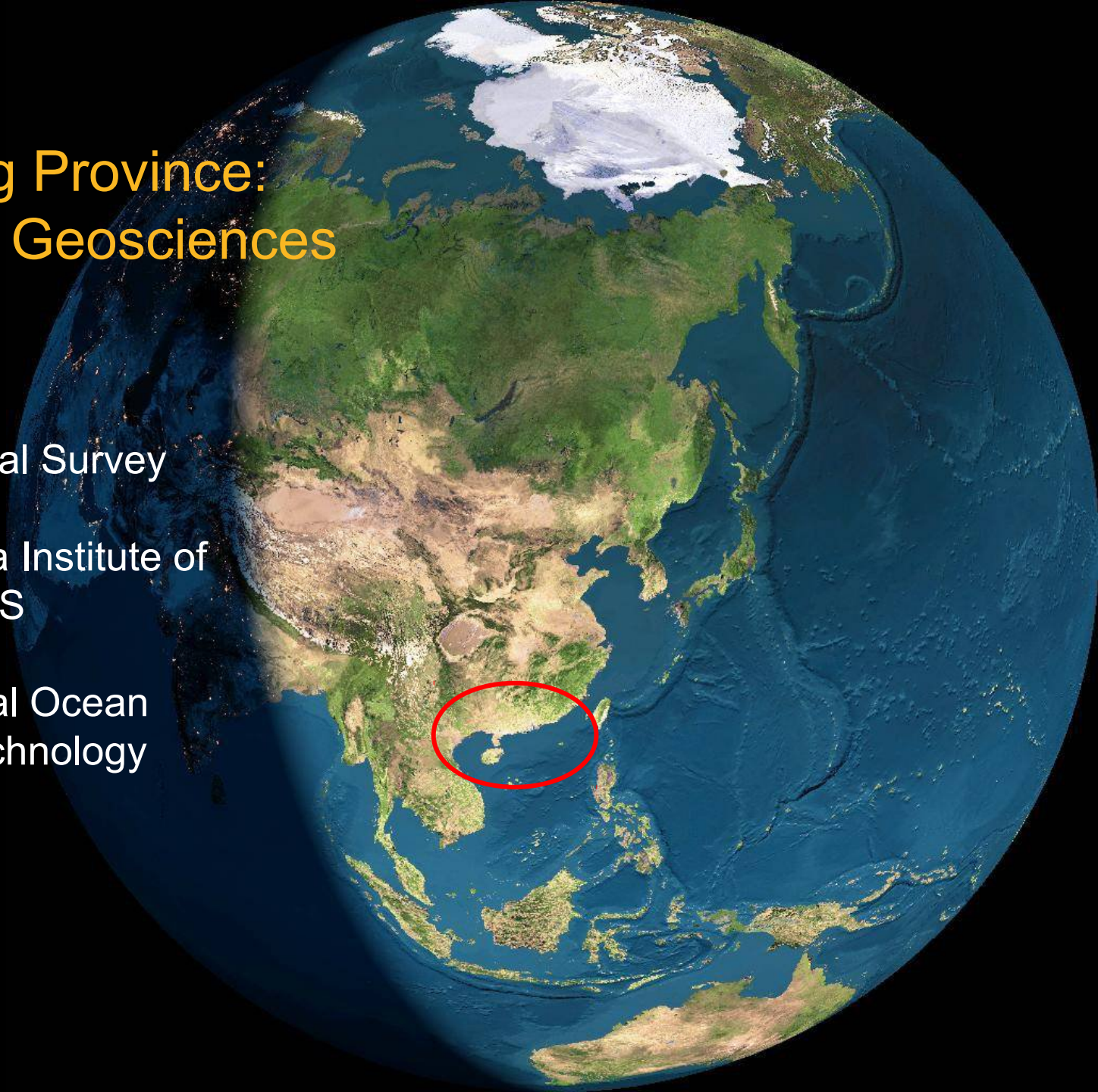
Andrzej Witkowski

Guangdong Province: Partners in Geosciences

Guangzhou
Marine Geological Survey

South China Sea Institute of
Oceanology, CAS

Center of Coastal Ocean
Science and Technology



Targets of co-operation (1)

1 Development of scientific research co-operation

Coastal development and modelling of long-term sediment dynamics

Partner in China: CCOST

Partner in Europe: Rostock University, Greifswald University, GKSS (Germany), Kaliningrad University (Russia)

Reconstruction of Environment and Climate Change and Future Projection

Partner in China: GMGS, SCSIO

Projects:

+ BEIBU

Partner in China: GMGS

+ Oceanenvironment in low latitudes

Partner in China: SCSIO

Targets of co-operation (2)

2 Academic Education

Workshop in siliceous microfossil interpretation

Partner in China: SCSIO

Term: October 2010, Szczecin

Training program on Coastal System Studies

Lecturers: Furmanczyk, Harff, Witkowski and others (US)

Trainees: GMGS

Term: Summer Semester 2011 at Szczecin

Series of Lecture on Coastal System Studies

Lecturers: Furmanczyk, Harff, Witkowski and others (US)

Trainees: Students of University Guangzhou, GMGS

Term Summer Semester 2011 (or 2012) at the Univ. Guangzhou

University of Szczecin – Guangdong Universities - potential

Guangdong University of Foreign Studies

Jinan University

Zhongshan (Sunyat-Sen) University

Targets (1):

In social sciences and economics and in natural sciences

Students exchange

PhD students exchange

Young scientists exchange

Joint teaching – courses:

Coastal system studies

Bilingual courses in Business informatics

Joint workshops

Joint research

Targets (2):

Polish language taught in Guangzhou

Szczecin as a centre of Chinese language and culture

Target (3):

Expanding of scientific cooperation with People's Republic of China

Partner: Chinese Geological Society

Potential Polish partners – Polish Geological Institute

Foreign partners – Baltic Sea Research Institute in Warnemünde

**University of Szczecin
Institute of Marine and Coastal Sciences
International Training Program**

Coastal System Studies

The programme is based on the increasing threat to the coastal zones due to climatically controlled sea level rise, coastal erosion and their exploitation for natural and economic resources.

The participants of the training course will learn to understand the coastal system as a dynamic interaction of abiotic, biotic and anthropogenic driving forces. In a combination of lectures, exercises, field and laboratorial studies the participants will be taught the planning of research work, data acquisition in the field and the lab, data interpretation and modelling.

1 Basic lectures in geo-, bio-, and engineering sciences **40**

Coastal and shelf dynamics (Prof. Harff)

Coastal and marine ecology (Prof. Dr. A. Witkowski)

Remote sensing and coastal engineering (Prof. Dr. K. Furmanczyk)

Excursion to the coastal zone (Prof. Furmanczyk, Prof. Harff,
Prof. Witkowski)

2 Coastal Ecosystems (Prof. Dr. A. Witkowski) **40**

Principles in sampling coastal areas /marine ecology (lecture)

Sampling of 2 sediment cores from the Oder Lagoon (field work)

Subsampling and sample preparation (lab work)

Sedimentological and geochemical (lab work)

Paleontological analysis (lab work)

Coastal System Studies

	hours
3 Remote Sensing in the Coastal Zone (Prof. Dr. K. Furmanczyk	40
Principles of measuring and interpretation of RS data (lecture)	
GPS measurements and interpretation (field and labwork)	
Lidar data – processing and interpretation (lab work)	
GIS – application for the analysis of coastal dynamics (lab work)	
4 Modelling of coastal-marine sedimentary systems (Prof. Dr. Jan Harff)	40
Principles in of sedimentological data acquisition (lecture)	
Acquisition of geomarine research data (exercise aboard a r/v)	
Modelling, sequences stratigraphy, exploration of geomarine data (lecture)	
Spatial modelling and mapping (lecture and lab work)	
Sediment dynamics, modelling of sediment transport (lecture and lab work)	
Coastal disaster prediction and coastal defense (lecture and field excursion)	
5 Final report / seminar	40
Data mining	
Data exploration and display	
Preparation of the scientific report	
Oral presentation and defence of achieved results	

Fakultät für Wirtschaftswissenschaften und Management

Binationaler Deutsch-Polnischer Studiengang Wirtschaftsinformatik

- Weltweite Akkreditierung durch ASIIN
- Abschlüsse in Wismar und Stettin
 - Bachelor / Master of Science – HS Wismar
 - Licencjat / Magister – US Szczecin
- Lehrveranstaltungen in Deutsch und Englisch
- Studienorte in Deutschland und Polen
- Auslandserfahrungen/- praktika
- Neue Spezialisierungen in Masterstudium:
 - IT- Management & IT-Consulting und
 - IT-Architekturen & IT-Systementwicklung
- Finanzielle Unterstützung möglich



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www.univ.szczecin.pl



Fakultät für Rechtswissenschaften und Verwaltungswesen

- Gegründet 1988 aus der früheren Verwaltungsakademie (1973),
- Studienrichtungen: Rechtswissenschaft und Verwaltung,
- Organisationsstruktur:
16 Lehrstühle,
- Masterstudium „*Law and Policies of European Integration: European Constitutional Law and "Multilevel Constitutionalism" (DIE)*„
Die beteiligten Universitäten sind:
 - Konsortium: Universität Autonoma de Barcelona (coordinator)
 - University of Montpellier – I (France)
 - University of Milan (Italy)
 - University of Szczecin (Poland)
 - Partneruniversitäten: University of Turin (Italy) und National Distance Learning University (Spain)



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Internationale Forschungsprojekte an der Universität Szczecin

- **MICORE** – Morphological Impacts and COastal Risks induced by Extreme storm events 7th FP (European Commission)
- **ERA NET Bonus Plus**, INFLOW Holocene saline water inflow changes into the Baltic Sea, ecosystem responses and future scenarios
- **WEBLAB** – (Southern Baltic) became a marine scientist
- **Baltic Museums (Oceanographic Museums)** – (Southern Baltic EU Regional Fund)
- **ARTWEI** - Action for the Reinforcement of the Transitional Waters' Environmental Integrity (Southern Baltic EU Regional Fund)
- **COPAF** (finanziert vom Ministerium für Wissenschaft und Hochschulwesen)



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