



UNIVERSITEIT
GENT

27 years *Artemia* Reference Center how did it all start?

Patrick Sorgeloos & colleagues

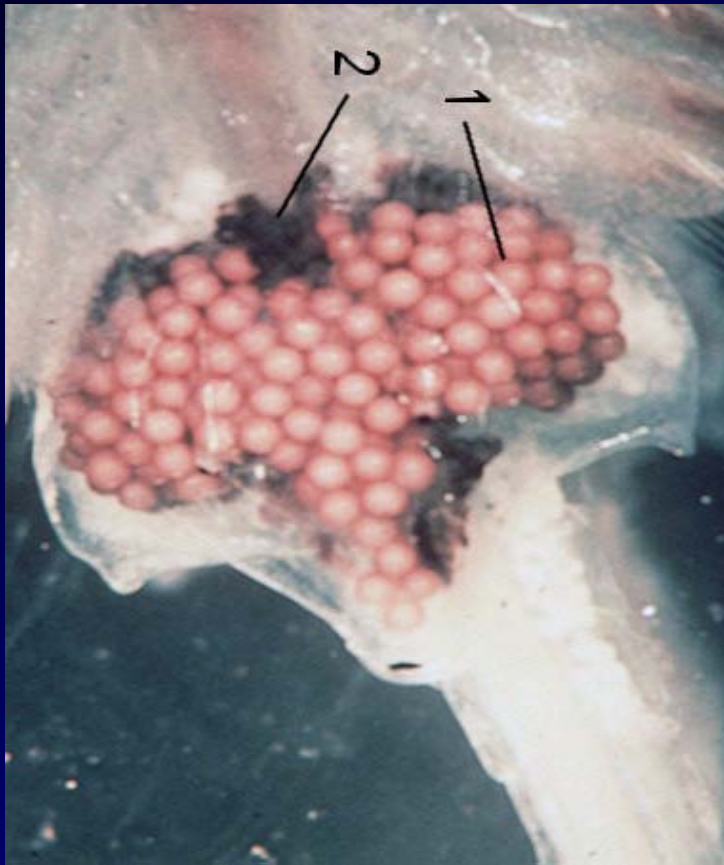
Ghent University, Belgium

Artemia seminar - Ghent University Aula, Belgium - September 5, 2005



Brief History

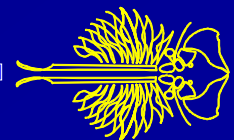
- since 1960s research on *Artemia* embryology at the Laboratory of Anatomy of Ghent University



Julien Fautrez

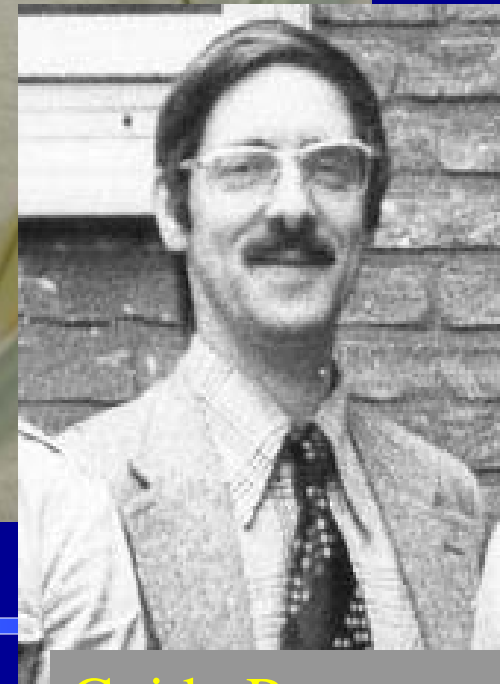


Lieve Criel



Brief History

- 1970 start research on *Artemia* culturing biology at Ghent University (thesiswork Patrick Sorgeloos)



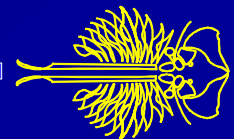
Guido Persoone



Duke University Marine Laboratory
Beaufort, North Carolina-USA

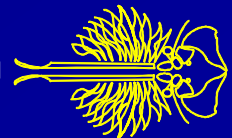
Brief History

- 1970 start research on Artemia culturing biology at Ghent University (thesiswork Patrick Sorgeloos)
- as of early '70s first Artemia cyst use in aquaculture – quick increase in demand – quick increase in price (artificial cyst shortages)



Brief History

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- as of early '70s first Artemia cyst use in aquaculture – quick increase in demand – quick increase in price (artificial cyst shortages)
- 1976 Kyoto Conference on Aquaculture: is there a future for Artemia in aquaculture?

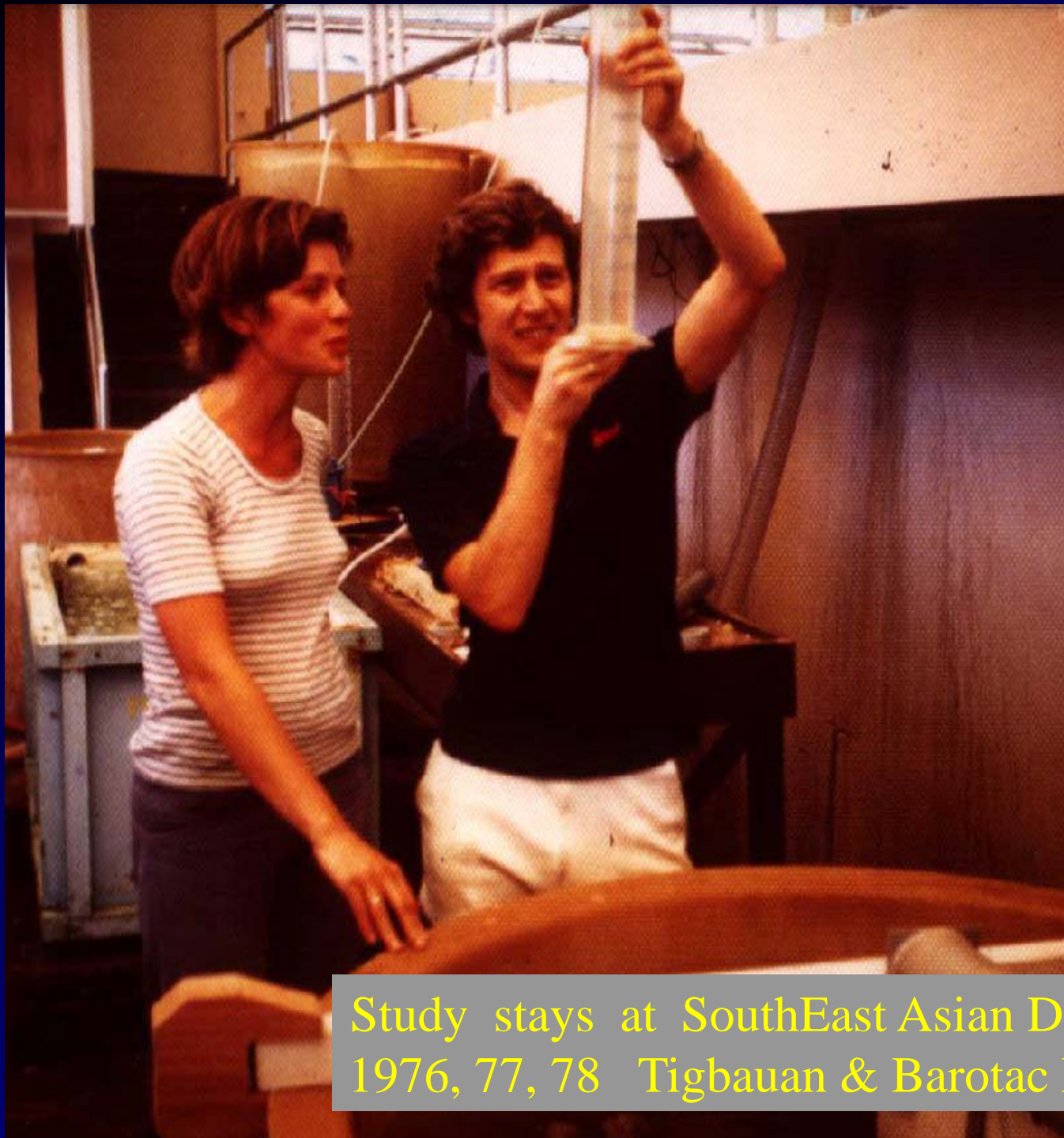


1st FAO Technical Aquaculture Conference

June 1976, Kyoto-Japan

POTENTIAL IMPROVEMENTS FOR CRITICAL *ARTEMIA* SITUATION

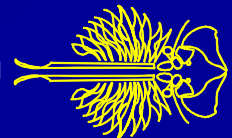
- exploitation of more natural resources
- transplantation and inoculation of suitable habitats
 - harvesting
 - processing
- improved techniques for cyst
 - storage
 - hatching
- use of juvenile/adult *Artemia* biomass as food source



Study stays at SouthEast Asian Development Center
1976, 77, 78 Tigbauan & Barotac Nuevo, Philippines

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- 1977 first successful introduction and commercial production of Artemia in solar saltworks in Macau, Brazil





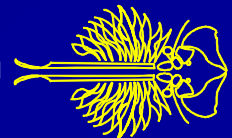


Southeast Asia :

- monsoon climate
- no natural Artemia

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- 1976 Kyoto Conference on Aquaculture: is there a future for Artemia in aquaculture?
- 1977 first successful introduction and commercial production of Artemia in solar saltworks in Macau, Brazil
- 1978 first successful inoculation of Artemia in seasonal saltponds in the Philippines
- 1978 set up of Artemia Reference Center & International Study on Artemia





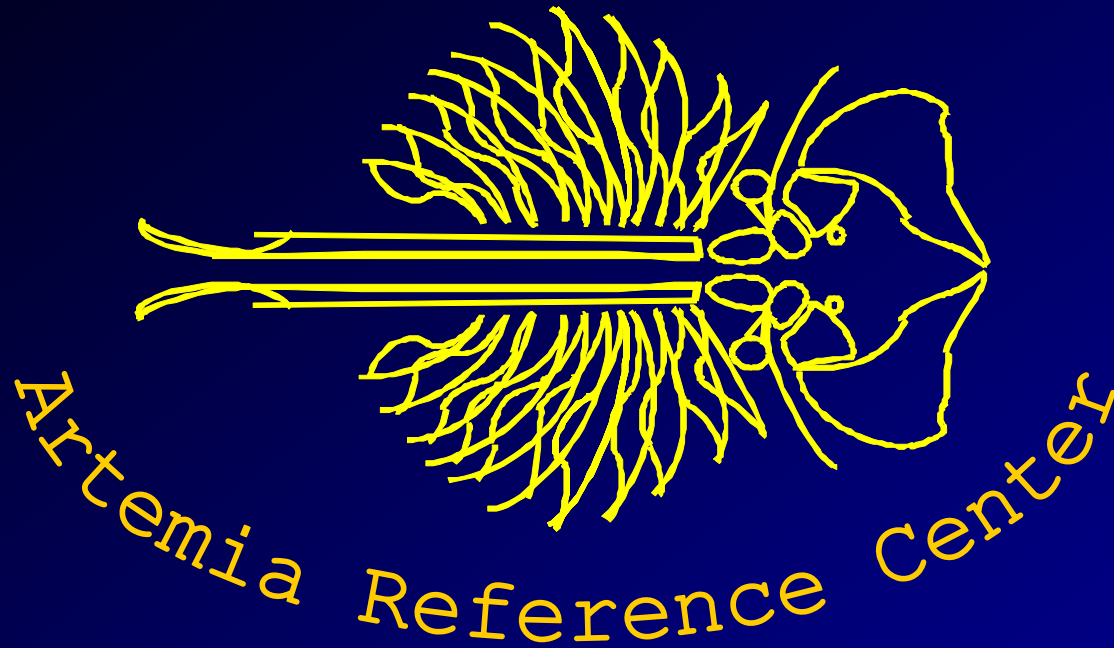


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1ST INTERNATIONAL TRAINING
COURSE ON THE BIOLOGY AND
PRACTICAL USE OF THE BRINE
SHRIMP *ARTEMIA* IN AQUACULTURE

MAY 15-26, 1978

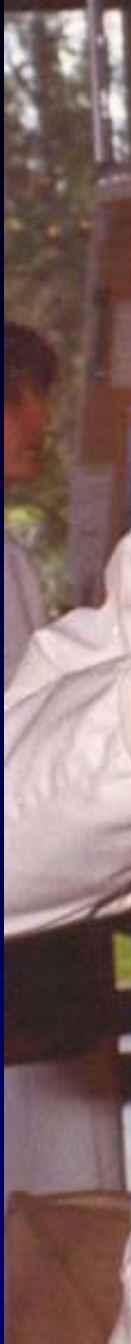




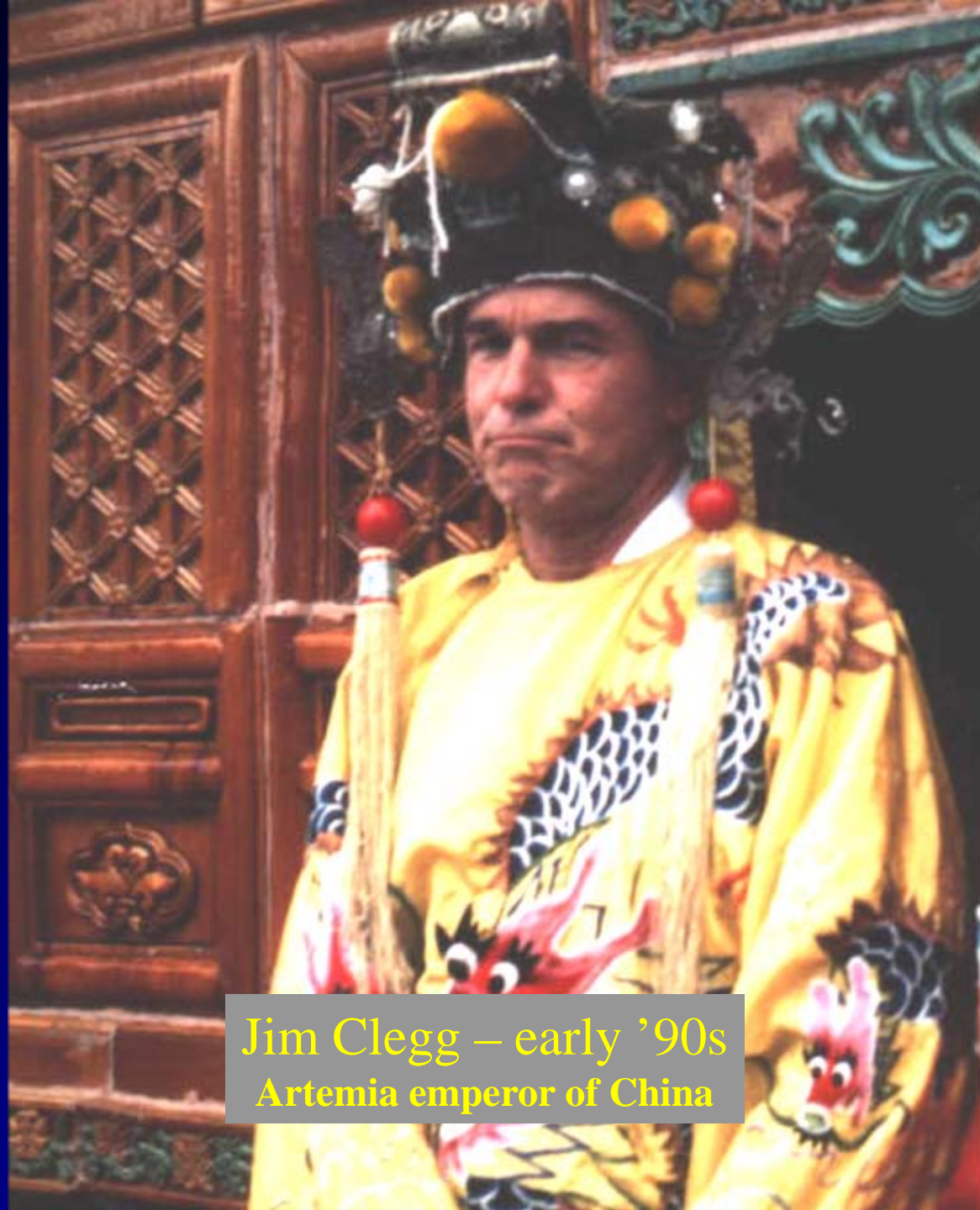
established in 1978 upon suggestion of the FAO

INTERNATIONAL STUDY ON ARTEMIA - ISA

international interdisciplinary study of *Artemia* strains



Akis Ab



Jim Clegg – early '90s
Artemia emperor of China