

Welcome to the colloquium in honour of Prof. Dr. Klaus Becker

Friday, October 8, 2010

The financial support of the Foundation fiat panis is gratefully acknowledged





Prof. Dr. Klaus Becker and his wife



UNIVERSITÄT DUISBURG
ESSEN

Welcome to the colloquium in honour of Prof. Dr. Klaus Becker

Friday, October 8, 2010

The financial support of the Foundation that makes it gratefully acknowledged



Welcome address by
Prof. Dr. Georg Cadisch, Director Tropenzentrum

Program

UNIVERSITÄT HOHENHEIM
TROPENZENTRUM



14.00 -14:30

Arrival and coffee

14.30-14.45

Prof. Dr. Andreas Fangmeier, Vice-Dean, Faculty of Agriculture

Prof. Dr. Anne Valle Zárate, Director, Institute 480

Prof. Dr. Georg Cadisch, Director, Tropenzentrum

Moderation: **Prof. em. Dr. Christian F. Gall**

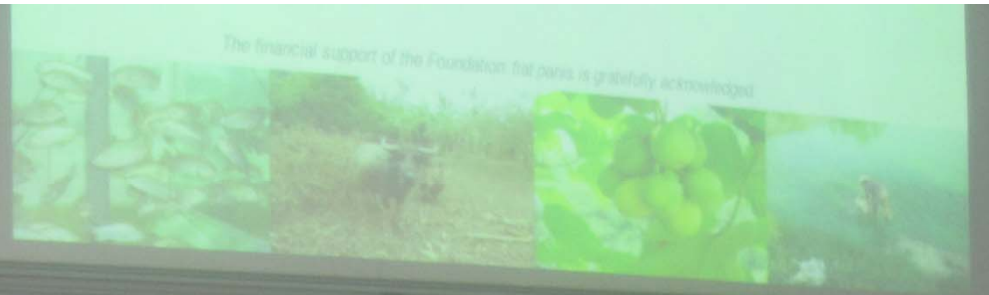
14.45-15.30

Keynote **Dr. Harald Rosenthal**

„Potential of aquaculture to contribute towards future food security“



Moderation:
Prof. em. Dr. Christian F. Gall



A photograph of Dr. Harald Rosenthal, a man with a white beard and glasses, wearing a dark suit and a red tie. He is standing and gesturing with his right hand while looking down at a laptop on a desk. His left hand is resting on the laptop. The background shows a whiteboard and a shelf with some items.

Keynote Dr. Harald Rosenthal
„Potential of aquaculture to
contribute towards future food
security“

Potential of aquaculture to contribute towards future food security

Challenges in light of Global Change

University Hohenheim, Tropenzentrum, Garbenstraße 13
October 08, 2010

Centre for Agriculture in the Tropics and Subtropics
Institute of Animal Production

Harald Rosenthal

University of Kiel

President: World Sturgeon Conservation Society

Member: Royal Swedish Academy of Sciences
(agriculture and fisheries)

Guest Professor: Chinese Acad. Fisheries Sciences

Editor-in-Chief: Journal of Applied Ichthyology

Associate Editor

Editorial: Acta Ichthyologica, Poland

Founding member: Aquacultural Engineering

Summary for download soon!

Program

15.30-17.00

Laudatory contributions

Dr. Elizabeth Wina

„Plant secondary metabolites and animal production in developing countries“

Prof. Dr. Eva Schlecht:

„Thinking outside of the box“

Prof. Dr. Malou Cuvin-Alarar:

„From the laboratory to the field: The way to sustainable small-holder freshwater aquaculture“



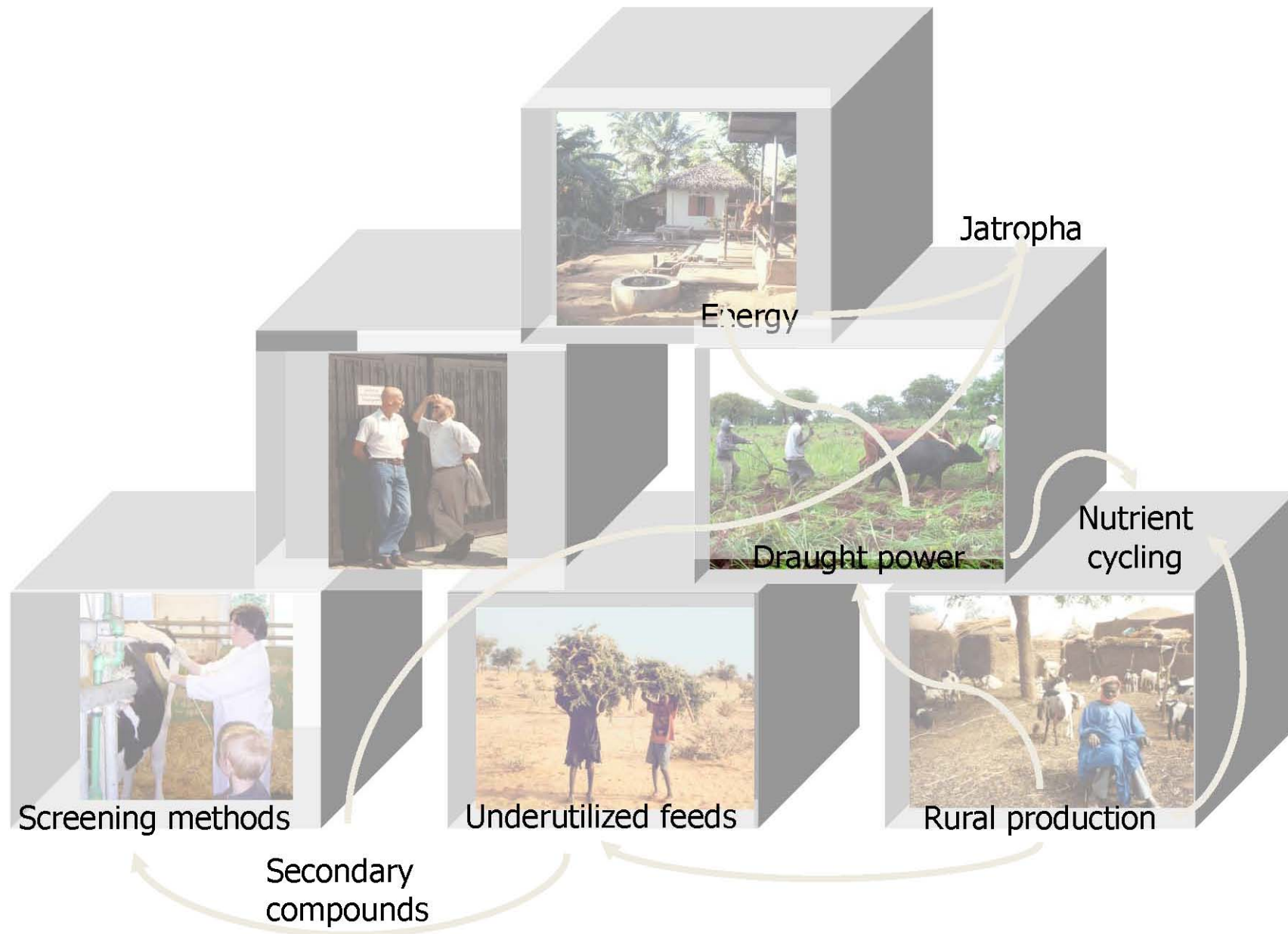
A photograph of Dr. Elizabeth Wina, a woman with dark hair tied in a bun, wearing glasses and a patterned sweater. She is seated at a desk, looking at a computer monitor. On the desk are a mouse, a mobile phone, and a laptop. In the background, there is a whiteboard and a wall-mounted device with multiple buttons and a small light.

Dr. Elizabeth Wina
„Plant secondary metabolites and animal production
in developing countries“

Prof. Dr. Eva Schlecht:
„Thinking outside of the box“



Lesson 6: Think outside the box



A photograph of Prof. Dr. Malou Cuvin-Alarar, a woman with dark hair and glasses, wearing a black blazer and a pearl necklace. She is standing behind a small round wooden table, gesturing with her hands while speaking. On the table is a laptop, a computer mouse, and a small vase with yellow flowers. In the background, there is a large whiteboard and a wall-mounted control panel with several buttons and a small light. The audience is visible in the foreground, with the backs of their heads. The text overlay on the image reads:

Prof. Dr. Malou Cuvin-Alarar:
„From the laboratory to the field:
The way to sustainable
small-holder freshwater
aquaculture“

But



**Teach a man to sustainably culture fish and
future generations will have food**

“The KLAUS BECKER PRINCIPLE”

Program

15.30-17.00

Laudatory contributions

Prof. Dr. Harinder P.S. Makkar:

„Prof. Klaus Becker and his journey down the Jatropha lane“

Dr. Christian Schlechtriem:

„Replacement of fish oil and fish meal in aquaculture diets, and potential implications for flesh quality in fish“

Dr. Georg Francis:

„From alternative nutritional sources to new plant resource systems“

Refreshments and snacks





Harinder P.S. Makkar

Prof. Dr. Harinder P.S. Makkar:
„Prof. Klaus Becker and his
journey down the Jatropha lane“

Milestones achieved

2008
2011

- Energy Baden-Württemberg and Rain forest Foundation project in Madagascar (2009)
- BMBF Project: Fuel and Feed for tomorrow (2007)
- Gave to the world a new non-toxic *Jatropha* species: *J. Platyphylla* (2009)

2003
2006

- Daimler Chrysler and CSIR project in India (2003)
- Established JatroSolution GmbH (2005)
- *Jatropha* plantation in deserts in Egypt (2006)
- Initiated *Jatropha* plantation project in Madagascar (2006)

1998
1999

Compared toxic and non-toxic genotypes of *Jatropha curcas*

1997
1998

Established phorbol esters as the main toxins and Carp as the model for studying toxicity

1995
1997

Standardisation of methodologies and evaluation of various toxic provenances

1993
1994

Jatropha ---- introduced by N. Foidl









Dr. Georg Francis:
„From alternative nutritional
sources to new plant resource
systems”



Without forgetting the experiments...













