









NWP
National Workshop
"Complex Problems
of Nonlinear World Physics"
19-23 July 2018

Arkady Pikovsky
University of Potsdam, Germany
Nishu Nagsard State
University, Russia



































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Tetsu Ueda
Department of Applied Physics of RUC











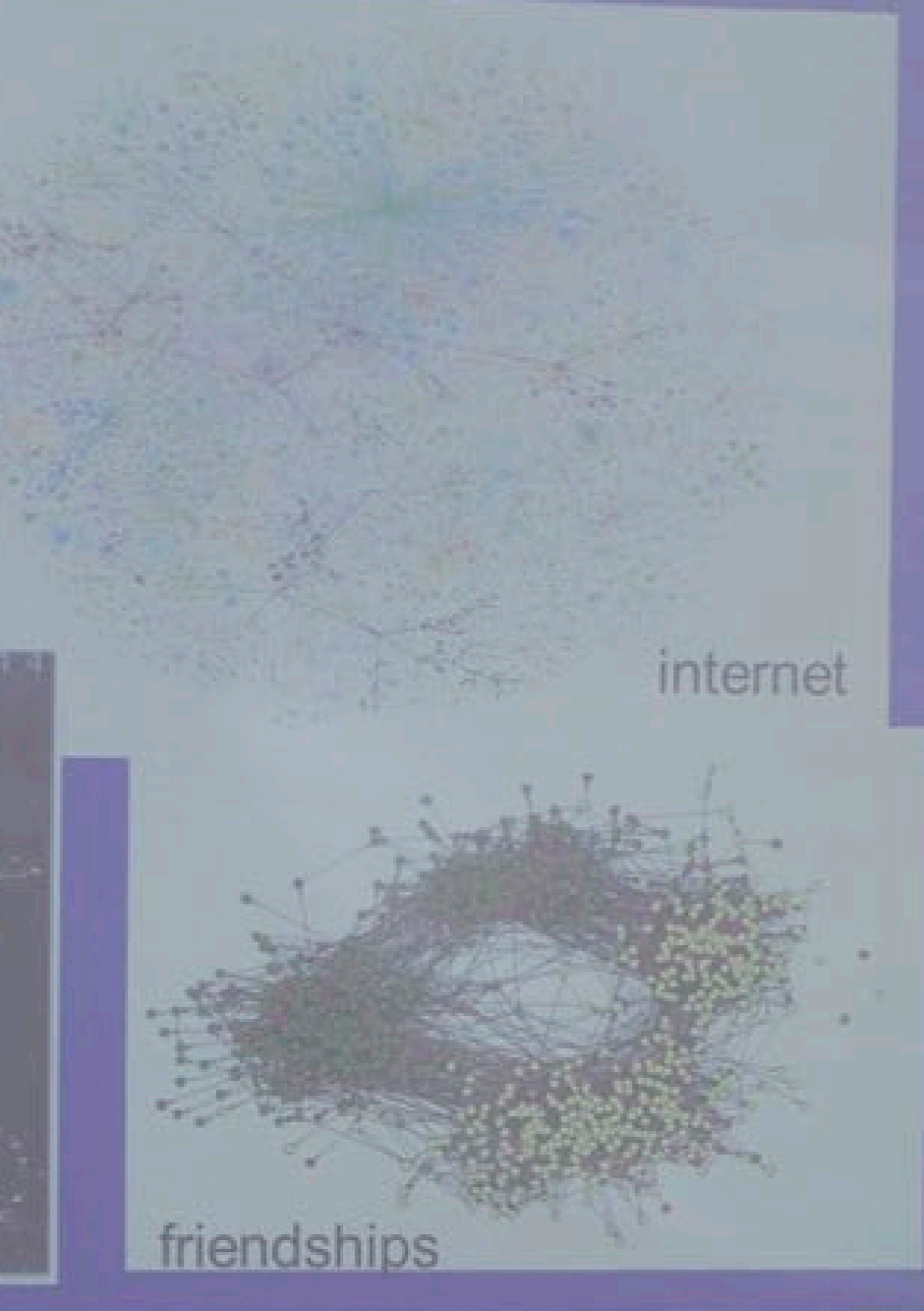




NAIP
Ivan Kaznetsov
Institute of Applied Physics RAS
Kazan

NAIP
Evgeny...
Institute of Applied Physics RAS
Kazan

Network systems (networks)



A man with glasses, wearing a light blue button-down shirt and khaki pants, stands in a room. He has a name tag on his shirt. He is holding a small object in his right hand. In the background, there are vertical blinds and a large black screen.

A laptop computer is open on a table in the foreground, positioned to the left of the man.

A large, grey printer or copier is visible in the bottom left corner of the image.





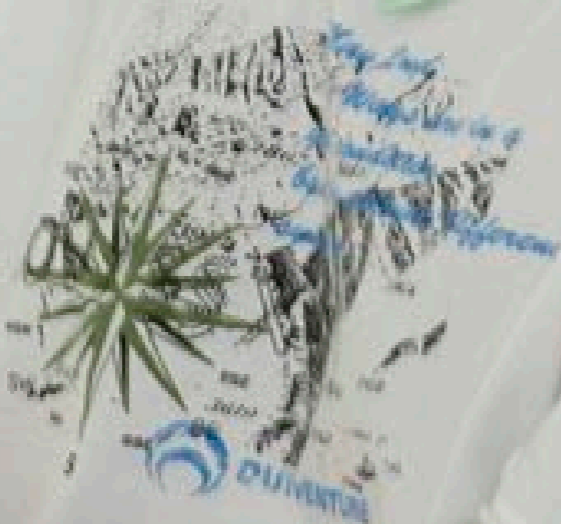
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Institute of Applied Physics RAS
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NWP
National Weather
Prediction
Program
14-17 July 2014

Joseph Tribbia
National Center for Atmospheric
Research
USA



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Israel



COGNITIVE
LINGUISTICS
PSYCHOLOGY
AND
LITERATURE

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Aron K...















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Poster on the wall with illegible text.

Man in orange t-shirt with graphic and name tag.

Man in plaid shirt with arms crossed.

Woman with glasses in the background.

Man in white t-shirt with blue graphic and glasses, hands behind head.













GALAXY
ROYAL
STYLE

MVP
Nikolay Ilin
Faculty of Applied Psychology

Royal
Crew













Водоколъ
Ташка





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Gustavo Martínez-Mekler
Instituto de Ciencias Exactas
Buenos Aires







MUP
Matti Korkkainen
Matti Korkkainen
Matti Korkkainen







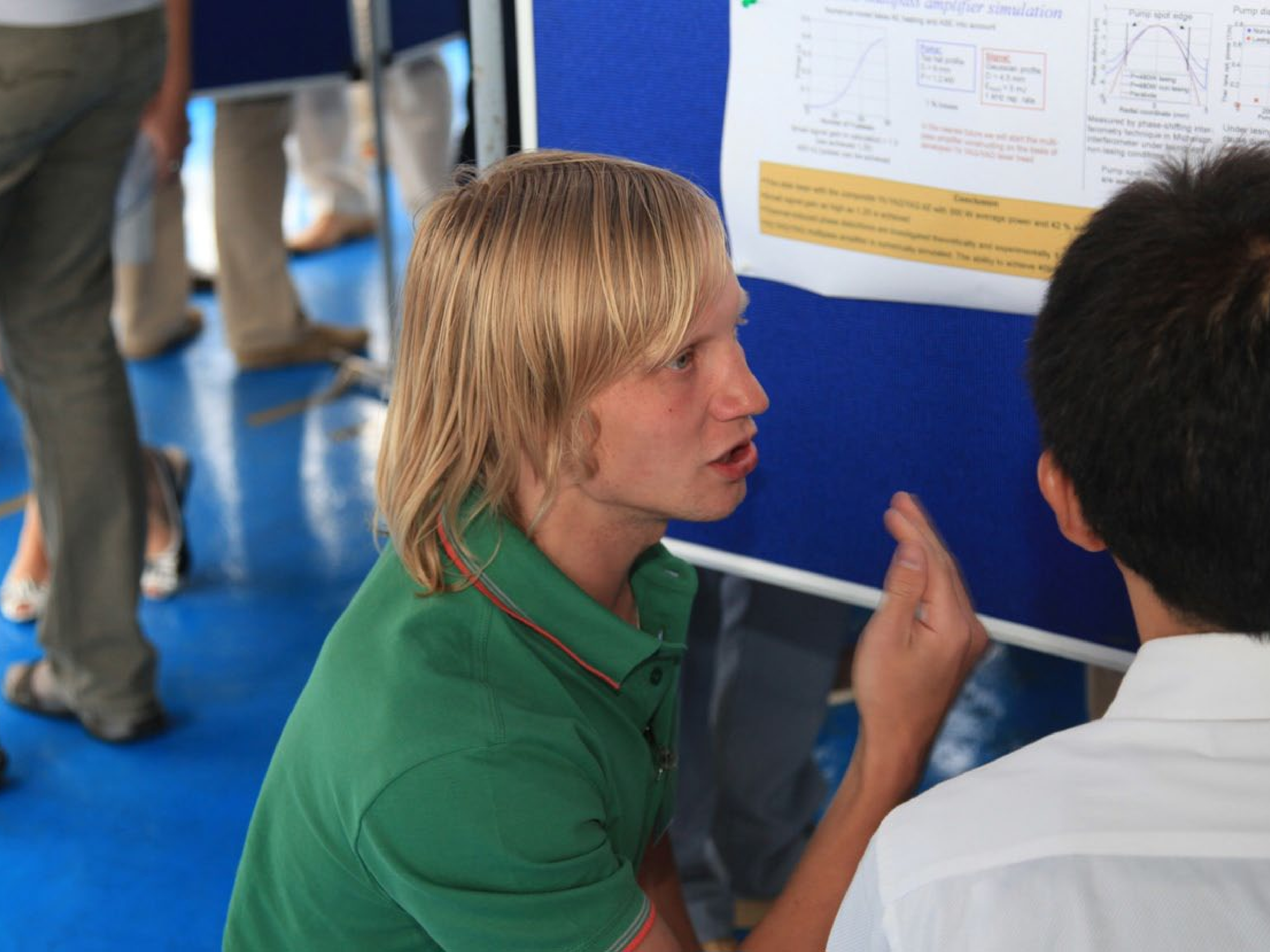








P
P. Cornelius
Western University
USA



Nonlinear amplifier simulation

Nonlinear amplifier simulation results

Input
Input profile
 $D = 4.0 \text{ mm}$
 $P = 1.240 \text{ W}$

Output
Output profile
 $D = 4.0 \text{ mm}$
 $P_{\text{out}} = 0.8 \text{ W}$
 $\eta = 64.5\%$

1% loss

In the next slide we will show the multi-tone amplifier simulation on the basis of the measured data.

Measured by phase-shifting interferometry technique in MZI setup under laser and non-lasing conditions.

Pump spot edge

Radius coordinate (mm)

Measured by phase-shifting interferometry technique in MZI setup under laser and non-lasing conditions.

Under laser conditions

Conclusion

These data show that the amplifier is highly efficient and experimentally verified. The measured data are in good agreement with the simulation results. The ability to achieve 64.5% efficiency is a significant achievement.



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Institute for Climate Impact
Research
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ГЕОРГИЙ

УКОВ





ВНИМАТЕЛЬНО СЛУШАЙТЕ СЛОВА ГОСПОДА И НЕ ОТКАЖИТЕСЬ ОТ НЕГО
ВНИМАТЕЛЬНО СЛУШАЙТЕ СЛОВА ГОСПОДА И НЕ ОТКАЖИТЕСЬ ОТ НЕГО



























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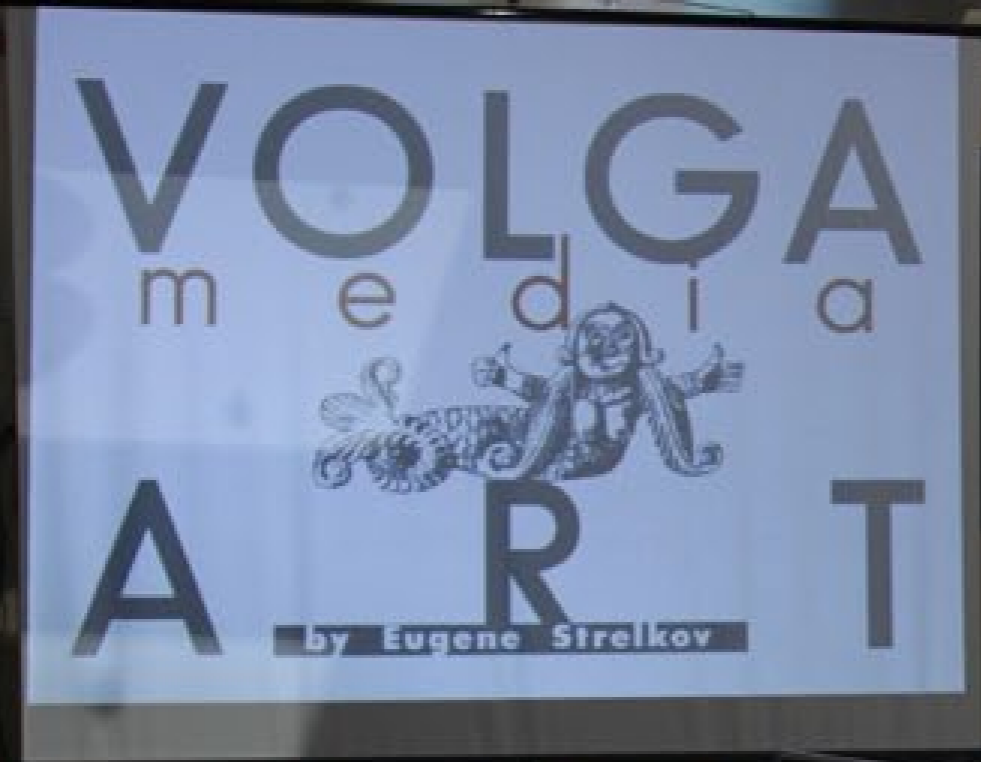


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Professor of Applied Mathematics
Moscow

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ГОСУДАРСТВЕННЫЙ КОМИТЕТ ОБОРОНЫ



УПРАВЛЕНИЕ СТРАНОЙ ИЗ КУЙБЫШЕВА































International Symposium
"The Next Future"
of Nanotechnology
11-12, Oct. 2016

NUP

Ken-ichi Ueda
University of Electro-Communications
Institute of Applied Physics of EUC
Japan, Russia

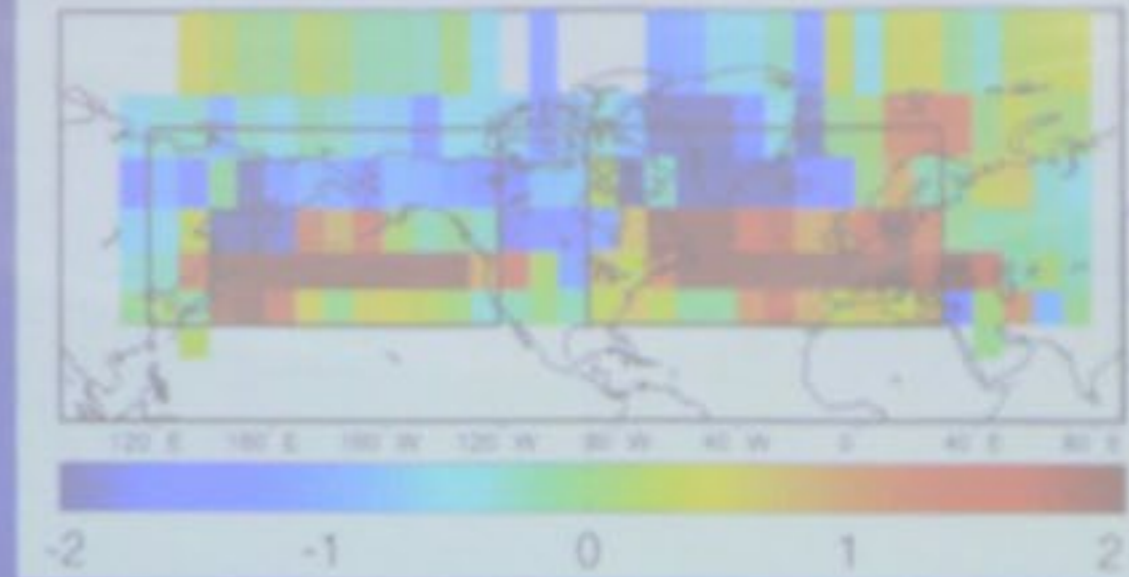


NWP
Emmanuel d'Humières
Univ. Bordeaux - CNRS - CIA
France



Composites of cyclone relative vorticity in

J- Cyclone density anomaly (DJF)



- Shown are anomalies w
climatology (DJF)
- **Positive** spatial correlat
and **cyclone** density ano



Leader Evolution
Observations and Simulations

Mingli CHEN and Ya-ping DU

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ТО-10 ТО-11 ТО-12

























