Programme overview of the TECT – INCORE – NYAS meeting
Barcelona 20 – 23 November 2008

This rather complex meeting has to following components:

1. **INCORE-workshop** “Genetics and biogeography of coalition formation in baboons and macaques”
   - Thursday, Nov 20 (morning)
   - Barcelona Biomedical Research Park (www.prbb.org)
   - (this workshop will have a closed session in the late afternoon)

2. **TECT-symposium** ”Money, altruism and genes: exploring the genetic basis of cooperative and commercial behaviours”.
   - Thursday Nov 20 (afternoon)
   - Barcelona Biomedical Research Park
   - (parts of this symposium have been integrated in event 3 on 21-22 Nov)

3. **First Barcelona Social Brain Conference** “Values and empathy across social barriers: A neurocognitive approach to fairness” (www.nyas.org/valconf). This component is organized by the New York Academy of Sciences, the Fundació Catalana per a la Recerca i la Innovació, the Càtedra UAB “el cervell social” and the European Science Foundation.
   - Friday –Saturday 21-22 Nov
   - CosmoCaixa museum (http://obrasocial.lacaixa.es/centros/cosmocaixabcn_es.html)

4. **TECT Scientific Committee meeting** (closed session)
   - Saturday 22 Nov (afternoon)

5. **TECT General meeting**
   - Sunday 23 Nov (morning)
   - Hotel H10 Marina

All people connected to the TECT and INCORE programmes that have been invited to attend one or more events will stay in the Hotel H10 Marina Barcelona. Please consult the accompanying Excel table to see for which events you have been invited and hence which nights will be paid for you.

If you are invited to the TECT General meeting only and want to take part in the other components and/or want to bring people that are not in the list of invitees, then please send an email to Judit Sainz in Barcelona (judit.sainz@upf.edu) with a Cc: to Delphine Réminiac in Strasbourg (delphine.reminiac@c-strasbourg.fr) and list exactly and unambiguously who will attend which event. The fees, used to cover coffee breaks, receptions and so forth, will be € 55 per person and per day (applies to the 20\(^{th}\), 21\(^{st}\) and 22\(^{nd}\)), to be payable directly to the host.

Please do not forget to extend your booking at the Marina-hotel accordingly or book another hotel in the appropriate area.

**TECT** = ESF-EUROCORES programme “The Evolution of Cooperation and Trading”
**INCORE** = EU-Framework 6-programme ”Integrating Cooperation Research across Europe”
Programme details
Thursday Nov. 20th - Barcelona Biomedical Research Park

1. INCORE-workshop “Genetics and biogeography of coalition formation in baboons and macaques”

09:00-09:15. Welcome.

09:15-09:30. Ronald Noë (Univ. of Strasbourg) and Peter Henzi (University of Central Lancashire): Coalition formation and its occurrence in male savanna baboons.

09:30-10:00. Cliff Jolly (New York University). The long road north: philopatry and the emergence of cooperative behaviour in male baboons.

11:00-11:30 Coffee Break


12:00-12:30. Bernard Thierry (CNRS, Strasbourg). Cooperative behaviour and coalitions in male macaques.

12:30-13:00. Juichi Yamagiwa (University of Kyoto). The behavioural genetics of Japanese macaques.

13:00-13:30. Jeff Rogers (Southwest Foundation for Biomedical Research). The behavioural genetics of baboons.

13:30-15:00 Lunch

2. TECT-symposium “Money, altruism and genes: exploring the genetic basis of cooperative and commercial behaviours”

15:00-15:45 David Skuse (University College London and INCORE). Heritability of Behavioral Traits.

15:45-16:30 Tilmann A. Kleinn (Max Planck Institute). Genetically Determined Differences in Learning from Errors.

16:30-17:15 Chistopher Chabris (Union College, NY). Genoeconomics: the Iceland Project.

17:15-18:00 Hasse Valum (Karolinska Institute). Variation in Vasopressin 1a Receptor is linked to pair-bonding in humans. [To be Confirmed]

19:30 Dinner
VALUES AND EMPATHY ACROSS SOCIAL BARRIERS:
A NEUROCOGNITIVE APPROACH TO FAIRNESS

November 21-22, 2008
Fundació “La Caixa”
The Science Museum of the Caixa Foundation
Barcelona, Spain

www.nyas.org/valconf
Dear Colleague,

This November, international scientific leaders will convene for the first Barcelona Social Brain Conference, an exciting 2-day event featuring 6 plenary sessions, 2 panel discussions, and poster presentations on the interdisciplinary field of social neuroscience.

Through a neuroscientific lens, participants will examine the human qualities of empathy, sacred values, and cooperation, and focus on the ways in which what they learn can be used to understand human conflicts. Highlights will include:

**Session I:** From animosity to empathy: Neuroimaging studies on the building blocks of fairness

**Session II:** Genetic markers for good and bad cooperators: A biological approach to fairness in economic exchanges

**Session III:** Sacred values: Anthropological and psychological perspectives on fairness in social conflicts

Please join us for an in-depth examination and discussion of the brain’s role in human behavior and our interactions with others.

We look forward to seeing you in Barcelona this November.

Best regards,

Kathy Granger, PhD
The New York Academy of Sciences
New York, USA

Oscar Vilarroya, PhD
Catedra UAB “el cervell social”
Barcelona, Spain

Joan Comella
Fundació Catalana per a la Recerca i la Innovació,
Barcelona, Spain

Arcadi Navarro, PhD
Genetic Basis of Cooperative Commercial Behaviors
Meeting Organization,
European Science Foundation

www.nyas.org/valconf
**Scott Atran, PhD, University of Michigan**

Presidential Scholar, John Jay College of Criminal Justice, CUNY; Professor of Anthropology, University of Michigan; Directeur de Recherche, Centre National de la Recherche Scientifique, Paris (Director of Research, CNRS). Dr. Atran has extensive experience in war torn environments, such as the Middle East, where religion, culture and politics play a significant role in influencing rational choice. Dr. Atran's understanding of anthropology, as well as cognitive and evolutionary psychology, has influenced his research into the roots of suicide terrorism.

**Arcadi Navarro, PhD, Universitat Pompeu Fabra**

Researcher and Professor of the Evolutionary Biology Unit, Departament de Ciències Experimentals i de la Salut, Universitat Pompeu Fabra, Spain. Making use of bioinformatics tools, Dr. Navarro studies evolutionary processes such as natural selection, cooperation or recombination focusing in the understanding of the biology of genomes at evolutionary, molecular and biomedical level. In recent years, Dr. Navarro has been examining questions related to chromosomal evolution, genetic evolution, genome dynamics, genetic speciation and genetic architecture of complex diseases.

**Kevin Ochsner, PhD, Columbia University**

Assistant Professor of Psychology, Columbia University. Dr. Ochsner's research interests include the psychological and neural processes involved in emotion, pain, self-regulation, self perception, and person perception. His studies span the methodologies of social psychology and cognitive neuroscience.

**Adolf Tobeña, PhD, Autonomous University of Barcelona**

Professor of Psychiatry and Medical Psychology, Director of the Department of Psychiatry and Forensic Medicine, Autonomous University of Barcelona and Visiting Professor at the Universities of London, Groningen, Venezia and Tel Aviv. Dr. Tobeña's main research focuses on the neurobiology of fear/anxiety. Within the framework of evolutionary biology he has written essays on the neuropsychological basis of lethal altruism (e.g. kamikaze actions and other extreme sacrifices) and on the temperamental characteristics of suicidal terrorists.

www.nyas.org/valconf
8:30 am – 9:30 am: Registration and Poster Set-up

9:30 am – 9:45 am: Welcome Message
- Oscar Vilarroya, PhD, el Cervell Social, Barcelona, Spain
- Joan Comella, Fundació Catalana per a la Recerca, Barcelona, Spain
- Ellis Rubinstein, The New York Academy of Sciences, USA
- Rüdiger Klein, PhD, European Science Foundation

9:45 am – 10:30 am: Keynote Lecture
- Adolf Tobeña, PhD, Autonomous University of Barcelona

10:30 am – 12:00 pm: Session I: From animosity to empathy: Neuroimaging studies on the building blocks of fairness
Chair: Kevin Ochsner, PhD
- Kevin Ochsner, PhD, Columbia University, USA
- Elizabeth Phelps, PhD, New York University, USA
- Susan Fiske, PhD, Princeton University, USA

12:00 pm – 1:30 pm: Lunch and Poster Viewing

1:30 pm – 3:00 pm: Session II: Genetic markers for good and bad cooperators: A biological approach to fairness in economic exchanges
Chair: Arcadi Navarro, PhD
- Arcadi Navarro, PhD, Universitat Pompeu Fabra, Spain
- Herbert Gintis, PhD, Central European University, Hungary
- David Cesarini, Massachusetts Institute of Technology, USA

3:00 pm – 3:30 pm: Coffee Break

3:30 pm – 5:00 pm: Session III: Sacred values: Anthropological perspectives on fairness in social conflicts
Chair: Scott Atran, PhD
- Scott Atran, PhD, University of Michigan, USA
- Mark van Vugt, PhD, University of Kent, UK
- Lord John Alderdice, MD, Alliance Party of Northern Ireland

5:00 pm – 6:00 pm: Panel Discussion
Chair: Kevin Ochsner, PhD
- Elizabeth Phelps, PhD, New York University, USA
- Herbert Gintis, PhD, Central European University, Hungary
- Lord John Alderdice, MD, Alliance Party of Northern Ireland

6:00 pm – 8:00 pm: Evening Reception and Poster Session

www.nyas.org/valconf
9:00 am – 9:45 am: Registration

9:45 am – 12:00 pm: Session I: From animosity to empathy: Neuroimaging studies on the building blocks of fairness
Chair: Kevin Ochsner, PhD
• Ethan Kross, PhD, University of Michigan, USA
• Tania Singer, PhD, University of Zurich, Switzerland
• Sarah-Jayne Blakemore, PhD, University College, London, UK
• Short data blitz talks selected from abstracts

12:00 pm – 1:00 pm: Lunch and Poster Viewing

1:00 pm – 2:45 pm: Session II: Genetic markers for good and bad cooperators: A biological approach to fairness in economic exchanges
Chair: Arcadi Navarro, PhD
• Richard Ebstein, PhD, Hebrew University and S. Herzog Memorial Hospital, Israel
• Molly Crockett, Department of Experimental Psychology, Behavioral and Clinical Neuroscience Institute, University of Cambridge
• Short data blitz talks selected from abstracts

2:45 pm – 3:15 pm: Coffee Break

3:15 pm – 5:00 pm: Session III: Sacred values: Anthropological perspectives on fairness in social conflicts
Chair: Scott Atran, PhD
• Jeremy Ginges, PhD, University of Michigan, USA
• Ran Hassin, PhD, Hebrew University, Jerusalem Israel
• Short data blitz talks selected from abstracts

5:00 pm – 6:00 pm: Panel Discussion
Chair: Adolf Tobeña, PhD
• Tania Singer, PhD, University of Zurich, Switzerland
• Richard Ebstein, PhD, Hebrew University and S. Herzog Memorial Hospital, Israel
• Jeremy Ginges, PhD, University of Michigan, USA

6:00 pm: Closing Statements
Lord John Alderdice, MD, is the leader of the Alliance Party of Northern Ireland and sits in the House of Lords as a liberal Democrat. Lord Alderdice brokered the nine years of negotiations that led to the Good Friday Accords and became first speaker of Northern Ireland's Parliament. He has recently negotiated peace in Nepal, was involved in the signing of the Helsinki agreement in Iraq and is working on various political negotiations around the world, most notably in the Middle East. His contribution to peace has been recognized through a number of international awards, including Honorary Citizenship of the City of Baltimore (1991), Honorary Fellowship of the Royal College of Physicians of Ireland (1997), W A Harriman Award for Democracy (Washington 1998), John F. Kennedy Profiles in Courage Award (1998), Silver Medal of the Congress of Peru (1999), and the Medal of Honour of the College of Medicine of Peru (1999).

Dr. Sarah-Jayne Blakemore, PhD, Institute of Cognitive Neuroscience, University College London; Dr. Blakemore specializes in the development of the social brain during adolescence. She will speak about the adolescence susceptibility to developing emotions and attitudes.

David Cesarini, Department of Economics, Massachusetts Institute of Technology; Dr. Cesarini has advanced predetermined theories on genetic hereditability in economic behavior making by studying identical and fraternal twins.

Molly Crockett, Cambridge Neuroscience, University of Cambridge; Ms. Crockett’s research focuses on the neural basis of self-regulation and impulsivity- what brain mechanisms allow us to control our thoughts, feelings and actions? She is investigating self-control from the perspectives of both associative learning theory and neuroeconomics. Ms. Crockett’s research aims to enhance our understanding of self-control in the healthy brain in order to inform the development of better treatments for psychopathology.

Professor Richard P. Ebstein, PhD, Director of the Scheinfeld Center of Human Genetics for the Social Sciences, Hebrew University and Head of the Research Laboratory, S. Herzog Memorial Hospital, Jerusalem, Israel; Professor Ebstein studies the molecular and genetic factors which contribute to psychological disorders such as substance abuse, anorexia, autism and schizophrenia.

Dr. Susan Fiske, PhD, Eugene Higgins Professor of Psychology, Princeton University; Dr. Fiske investigates emotional prejudices such as pity, contempt, pride and envy. Her recent imaging work concentrates on the tendency to objectify groups based on pre defined stereotypes. She has coauthored the highly regarded text book Social Cognition.

Dr. Jeremy Ginges, PhD, Department of Psychology, New School for Social Research, University of Michigan; Dr. Ginges studies the psychological dimension of cultural and political conflicts. An example of this work is the influence that frequency of mosque attendance versus frequency of prayer has on an individual’s tolerance and support for suicide terrorism. The observed increase is attributed to the political influence of religious leaders, rather than the act of devotion.

Professor Herbert Gintis, PhD, External Professor, Santa Fe Institute and Professor of Economics, Central European University; Professor Gintis uses data from economic games to study characteristics such as corporate honesty and the effectiveness of punishment in fostering cooperation.

Dr. Ethan Kross, PhD, Assistant Professor, University of Michigan; Dr. Kross’ research focuses on understanding adaptive and maladaptive mechanisms of emotional processing. He believes that understanding these mechanisms will help individuals who experience emotional trauma cope in everyday life.

Dr. Elizabeth Phelps, PhD, New York University; Dr. Phelps is a world expert in the neural bases of social attitudes and social learning. She has published in journals such as Nature, Science and Nature Neuroscience.

Professor Tania Singer, PhD, Center for the Study of Social and Neural Systems, University of Zürich; Professor Singer pioneered the first imaging studies of pain empathy and the first study demonstration that the neural signature of empathy varies as a function of cooperation and competition. Her latest studies moves away from healthy populations towards individual with social deficits such as autism spectrum disorder.

Professor Mark Van Vugt, PhD, Professor of Social Psychology, Keynes College, University of Kent; Professor Mark Van Vugt’s research concentrates on the study of group processes from an evolutionary and social psychology perspective. He is interested in such themes as social dilemmas, altruism, leadership, and intergroup relations. His current research examines the role of gender play in cooperation and competition.
ABOUT THIS MEETING

CONFERENCE LOCATION
Fundació “La Caixa”
The Science Museum of the
Caixa Foundation
Barcelona, Spain

REGISTRATION
Online: www.nyas.org/VALconf
Tel: (toll free) *1.800.344.6902
Tel: *1.516.576.2270
Fax: *1.516.349.9704
Email: nyasmembership@aip.org
Mail: NYAS Membership &
Customer Services Suite
1NO1 2 Huntington Quadrangle
Melville, NY, USA 11747-4502

ACCOMMODATIONS
For more information about accommodations
near the conference center, please visit:
www.nyas.org/pdfs/Barcelona_hotels.pdf

CALL FOR POSTER ABSTRACTS
Deadline for poster abstract submission is
September 20, 2008. Nine poster abstracts
will be selected for travel awards. Awardees
will be invited to present their poster abstract
as an oral presentation. For more information
go to: www.nyas.org/valconf

Visit the Academy at: www.nyas.org

REGISTRATION FEES AND CATEGORIES

Early Bird Pricing is available through September 26, 2008.

Includes breakfasts, lunches, coffee breaks, and reception, plus a one year NYAS membership, and

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<th>Category</th>
<th>Before Sept 20, 2008</th>
<th>After Sept 20, 2008</th>
<th>On-Site</th>
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<tr>
<td>1. Student/Postdoc/Fellow</td>
<td>$117 (€80)</td>
<td>$235 (€160)</td>
<td>$290 (€200)</td>
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<tr>
<td>2. General Admission</td>
<td>$190 (€130)</td>
<td>$365 (€250)</td>
<td>$440 (€300)</td>
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* Students receive a one year Student & Postdoc Membership. One year individual membership only applies to non-members,
and cannot be used to extend membership for current members.

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Please submit a written cancellation request to nyasmembership@aip.org on or before September 20, 2008
in order to be eligible for a registration refund minus a $75 cancellation fee. If your written request is received
after this deadline, then you will not be eligible for a registration refund.

The New York Academy of Sciences complies with the public accommodation requirements of the Americans
with Disabilities Act and the rules and regulations thereof. Please let us know if you will require any assistance
during this meeting by contacting *1.212.298.3725.

www.nyas.org/valconf
TECT General Meeting
Barcelona, 23 November 2008

DRAFT PROGRAMME

SATURDAY 22\textsuperscript{nd} NOVEMBER

Arrival of participants
20:00  \textit{Welcome dinner}

SUNDAY 23\textsuperscript{rd} NOVEMBER

08:30  \textit{Start of the meeting}

Each CRP will be allocated 20 minutes to present the progress made and results achieved within their project, to be followed by a 10 minutes’ slot for questions.

08:30 - 09:00  BIOCONTRACT
09:00 - 09:30  COCOR
09:30 - 10:00  DynCoopNet

10:00 - 10:15  \textit{Coffee break}

10:15 - 10:45  SENSE
10:45 - 11:15  SOCCOP
11:15 - 12:15  Plenary discussion

12:15 - 13:00  \textit{Lunch}

13:00  \textit{End of the meeting}