

## DANG-VU

## Thien Thanh

Birth Date: September 19<sup>th</sup>, 1980 (Saïgon – Vietnam)  
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Professional address: Cyclotron Research Centre, University of Liege,  
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## Curriculum Vitae

### Education

- 1997 : High school certificate (Collège Saint-Servais, Liège, Belgium)
- 2004 : **M.D. [Doctor of Medicine]**;
  - University of Liège (ULg), Liège, Belgium
  - Grades: **Highest Distinction** [La Plus Grande Distinction]
    - 1997-2000 : **Undergraduate Medical Studies** (ULg)
      - ✓ 1<sup>st</sup> year : High Distinction [Grande Distinction]
      - ✓ 2<sup>nd</sup> year : Highest Distinction [La Plus Grande Distinction]
      - ✓ 3<sup>d</sup> year : Highest Distinction [La Plus Grande Distinction]
    - 2000-2004 : **Graduate Medical Studies** (ULg)
      - ✓ 1<sup>st</sup> year : Highest Distinction [La Plus Grande Distinction]
      - ✓ 2<sup>nd</sup> year : Highest Distinction [La Plus Grande Distinction]
      - ✓ 3<sup>d</sup> year : High Distinction [Grande Distinction]
      - ✓ 4<sup>th</sup> year : Highest Distinction [La Plus Grande Distinction]
- 2008 : **Ph.D. [Doctor of Biomedical and Pharmaceutical Sciences]**;
  - University of Liège (ULg), Liège, Belgium
  - *PhD thesis*: “**Neural correlates of human non-REM sleep oscillations. A multimodal functional neuroimaging approach.**”
  - *Supervisors*: **Pr P. Maquet** and **Pr G. Moonen**, Cyclotron Research Centre, University of Liège (ULg), Belgium

### Areas of interest

- Sleep physiology, sleep oscillations
- Functional brain imaging (fMRI, PET, EEG)
- Sleep medicine
- General neurology

## Professional experience

- 2004-2008 : **FNRS** (National Funds for Scientific Research) **Research Fellow**
  - Cyclotron Research Centre, University of Liège (ULg), Belgium
- 2004- : **Resident in Neurology**
  - Department of Neurology, Liege University Hospital, Belgium
- 2008- : **FNRS Postdoctoral Researcher**
  - Cyclotron Research Centre, University of Liège (ULg), Belgium
  - Current project: **“Information processing during non-REM sleep oscillations in humans. Study with multimodal functional neuroimaging (electroencephalography, functional magnetic resonance imaging).”**

## Additional Training

- May-June 2004 : training in **sleep medicine and sleep research**
  - **Pr J Montplaisir**, Research Centre on Sleep and Biological Rhythms, Hôpital du Sacré-Cœur, Montreal (Canada)
- August-September 2004 : training in **stroke neurology**
  - **Pr Y Samson**, Neurovascular Emergency Unit, Groupe Hospitalier Universitaire de le Pitié-Salpêtrière, Paris (France)
- June 13-24, 2005 : summer courses **“Mathematics and Brain”**
  - Institute of Mathematics of Paris University - Jussieu, Paris (France)
- March 2-4, 2006 :
  - 4<sup>th</sup> European Course on **Sleep Medicine and Sleep Research (ESRS)**, Bertinoro (Italy)
- July 19-21, 2007 :
  - Training Course in **Sleep Research and Sleep Medicine (ESRS-EU “Marie Curie” Project)**, Bertinoro (Italy)
- October 22-27, 2007 :
  - Practical Training in **Sleep Research and Sleep Medicine (ESRS-EU “Marie Curie” Project)**, Sleep and Wake Disorders Centre (**Pr C Bassetti, Dr E Werth**), Department of Neurology, University Hospital Zürich (Switzerland)

## Awards and Grants

- ❑ **European Sleep Research Society (ESRS) SANOFI-AVENTIS Research Grant** awarded at the 19th Congress of the ESRS (Glasgow – U-K, September 9-13 2008)
- ❑ **Belgian Neurological Society (BNS) travel grant** for the 19th Congress of the ESRS (Glasgow – U-K, September 9-13 2008)
- ❑ **European Sleep Research Society (ESRS) travel grant** for the 19<sup>th</sup> Congress of the ESRS (Glasgow – U-K, September 9-13 2008)
- ❑ **Sleep Research Society (SRS) Award Based on Scientific Merit** for the 22<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies (APSS) (Baltimore – USA, June 7-12 2008)
- ❑ **European Neurological Society (ENS) travel grant** for the 17<sup>th</sup> Meeting of the ENS (Rhodes- Greece, June 16-20 2007)
- ❑ **André Kahn Sleep Award** for the best scientific communication during the Autumn Meeting of the Belgian Association for Sleep Research and Sleep Medicine (Gent – Belgium, October 6 2006)
  - <http://www.belsleep.org/pageview.aspx?id=50>
- ❑ **Helgi Kristbjarnarson's Award** at the 18<sup>th</sup> Congress of the European Sleep Research Society (Innsbruck – Austria, September 12-16 2006)
- ❑ **European Sleep Research Society (ESRS) travel grant** for the 18<sup>th</sup> Congress of the ESRS (Innsbruck – Austria, September 12-16 2006)
- ❑ **European Sleep Research Society (ESRS) travel grant** for the 17<sup>th</sup> Congress of the ESRS (Prague – Czech Republic, October 5-9 2004)
- ❑ Prize of the **Foundation Léon Frédéricq** (Liege – Belgium, October 2004) for the dissertation on :
  - « Corrélatés cérébraux des Fuseaux et ondes Delta du sommeil humain – contribution à la neuroanatomie fonctionnelle du sommeil lent chez l'homme normal »
- ❑ **Aventis Prize** for the best academic rankings during medical studies (Liege – Belgium, October 2004)

## Publications as 1<sup>st</sup> or 2<sup>nd</sup> author

1. **Dang-Vu TT**, Schabus M, Desseilles M, Albouy G, Boly M, Darsaud A, Gais S, Rauchs G, Sterpenich V, Vandewalle G, Carrier J, Moonen G, Balteau E, Degueldre C, Luxen A, Phillips C, Maquet P. *Spontaneous Neural Activity during Human Slow Wave Sleep*; Proceedings of the National Academy of Sciences of the United States of America, 150(39), 2008, p. 15160-5.
2. **Dang-Vu TT**, Schabus M, Cologan V, Maquet P. *Sleep: Dreaming and Consciousness*; In William Banks (Ed.) *Encyclopaedia of Consciousness*. Elsevier, Oxford (UK), 2009 (in press).
3. **Dang-Vu TT**, Desseilles M, Peigneux P, Laureys S and Maquet P. *Sleep – Definition and Description: PET activation patterns*; In Larry R. Squire (Ed.) *New Encyclopaedia of Neuroscience*. Elsevier, Oxford (UK), 2008 (in press).
4. Desseilles M, **Dang-Vu T** and Maquet P. *Functional neuroimaging in sleep, sleep deprivation and sleep disorders*; In Chokroverty S and Montagna P (Eds.) *Handbook of Clinical Neurology*, (in press).
5. Desseilles M, **Dang-Vu T** and Maquet P. *Functional Neuroimaging of Sleep and Sleep Disorders*; In Chokroverty S (Ed.) *Sleep Disorders Medicine*, (in press).
6. Desseilles M, **Dang-Vu T**, Schabus M, Sterpenich V, Maquet P, Schwartz S. *Neuroimaging insights into the pathophysiology of sleep disorders*; SLEEP, 31(6), 2008, p. 777-794.
7. Schabus M, **Dang-Vu TT**, Albouy G, Balteau E, Boly M, Carrier J, Darsaud A, Degueldre C, Desseilles M, Gais S, Phillips C, Rauchs G, Schnakers C, Sterpenich V, Vandewalle G, Luxen A, Maquet P. *Hemodynamic cerebral correlates of sleep spindles during human non-rapid eye movement sleep*; Proceedings of the National Academy of Sciences of the United States of America, 104(32), 2007, p. 13164-9.
8. **Dang-Vu TT**, Schabus M, Desseilles M, Schwartz S and Maquet P. *Neuroimaging of REM sleep and dreaming*; In Patrick McNamara and Deirdre Barrett (Eds.) *The New Science of Dreaming*. Praeger Publishers, Greenwood Press, 2007, Vol. 1, p. 95-113.
9. **Dang-Vu TT**, Desseilles M, Petit D, Mazza S, Montplaisir J and Maquet P. *Neuroimaging in Sleep Medicine*; Sleep Medicine, 8, 2007, p. 350-373.
10. **Dang-Vu TT**, Desseilles M, Peigneux P and Maquet P. *A Role for Sleep in Brain Plasticity*; Pediatric Rehabilitation, 9(2), 2006, p. 98-118.
11. Desseilles M, **Dang-Vu T**, Laureys S, Peigneux P, Degueldre C, Phillips C and Maquet P. *A prominent role for amygdaloid complexes in the Variability in Heart Rate (VHR) during Rapid Eye Movement (REM) sleep relative to wakefulness*; NeuroImage, 32(3), 2006, p. 1008-1015.

12. Schwartz S, **Dang-Vu TT**, Ponz A, Duhoux S and Maquet P. *Dreaming: A Neuropsychological View*; Swiss Archives of Neurology and Psychiatry, 156(8), 2005, p.426-439.
13. **Dang-Vu TT**, Desseilles M, Albouy G, Darsaud A, Gais S, Rauchs G, Schabus M, Sterpenich V, Vandewalle G, Schwartz S and Maquet P. *Dreaming: A Neuroimaging View*; Swiss Archives of Neurology and Psychiatry, 156(8), 2005, p.415-425.
14. **Dang-Vu TT**, Desseilles M, Laureys S, Degueldre C, Perrin F, Philips C, Maquet P and Peigneux P. *Cerebral correlates of delta waves during non-REM sleep revisited*; NeuroImage, 28 (1), 2005, p. 14-21.

### **Publications as co-author**

1. Boly M, Phillips C, Tshibanda L, Vanhaudenhuyse A, Schabus M, **Dang-Vu TT**, Moonen G, Hustinx R, Maquet P, Laureys S. *Intrinsic brain activity in altered states of consciousness – how conscious is the default mode of brain function?* Annals of the New York Academy of Sciences, 1129, 2008, p. 119–29.
2. Albouy G, Sterpenich V, Balteau E, Vandewalle G, Desseilles M, **Dang-Vu T**, Darsaud A, Ruby P, Luppi P-H, Degueldre C, Peigneux P, Luxen A, Maquet P. *Both the Hippocampus and Striatum are involved in consolidation of Motor Sequence Memory*; Neuron, 58, 2008, p. 261-272.
3. Gais S, Albouy G, Boly M, **Dang-Vu TT**, Darsaud A, Desseilles M, Rauchs G, Schabus M, Sterpenich V, Vandewalle G, Maquet P, Peigneux P. *Sleep transforms the cerebral trace of declarative memories*; Proceedings of the National Academy of Sciences of the United States of America, 104(47), 2007, p. 18778-83.
4. Sterpenich V, Albouy G, Boly M, Vandewalle G, Darsaud A, Balteau E, **Dang-Vu TT**, Desseilles M, D'Argembeau A, Gais S, Rauchs G, Schabus M, Degueldre C, Luxen A, Collette F, Maquet P. *Sleep-Related Hippocampo-Cortical Interplay during Emotional Memory Recollection*; PloS Biology, 5(11), 2007, e282.
5. Bonjean M, Phillips C, **Dang-Vu TT**, Sepulchre R, Maquet P. *An in computo investigation of the Landau-Kleffner syndrome*; Proceedings of the IEEE, 29(1), 2007, p. 2730-4.
6. Dauvilliers Y, Pennestri M-H, Petit D, **Dang-Vu T**, Lavigne G, Montplaisir J. *Periodic leg movements during sleep and wakefulness in narcolepsy*; Journal of Sleep Research, 16(3), 2007, p. 333-9.
7. Vandewalle G, Balteau E, Phillips C, Degueldre C, Moreau V, Sterpenich V, Albouy G, Darsaud A, Desseilles M, **Dang-Vu TT**, Peigneux P, Luxen A, Dijk DJ, Maquet P. *Daytime light exposure dynamically enhances brain responses*; Current Biology, 16(16), 2006, p. 1616-21.

8. Maquet P, Ruby P, Maudoux A, Albouy G, Sterpenich V, **Dang-Vu T**, Desseilles M, Boly M, Perrin F, Peigneux P and Laureys S. *Human cognition during REM sleep and the activity profile within frontal and parietal cortices. A reappraisal of functional neuroimaging data*; Progress in Brain Research, 150, 2005, p. 219-27.
9. Peigneux P, Melchior G, Schmidt C, **Dang-Vu T**, Boly M, Laureys S and Maquet P. *Memory processing during sleep: mechanisms and evidence from neuroimaging studies*; Psychologica Belgica, 44-1/2, 2004, p. 121-142.
10. Maquet P, Sterpenich V, Albouy G, **Dang-Vu T**, Desseilles M, Boly M, Ruby P, Laureys S, Peigneux P. *Brain imaging on passing to sleep*; In Parmeggiani and Vellutti (Ed.) The Physiological Nature of Sleep. Imperial College Press, London (UK), 2005, p.123-137.
11. Maquet P, Ruby P, Schwartz S, Laureys S, Albouy G, **Dang-Vu T**, Desseilles M, Boly M, Peigneux P. *Regional organisation of brain activity during paradoxical sleep (PS)*; Archives Italiennes de Biologie 142 (4), 2004, p. 413-9.
12. Maquet P, Perrin F, Laureys S, **Dang-Vu T**, Desseilles M, Boly M and Peigneux P. *Cerebral functional segregation and integration during human sleep*; In PH Luppi (Ed.) Sleep: Circuits and Functions. CRC Press, Boca Raton (FL, USA), 2004, p. 225-238.
13. Maquet P, Peigneux P, Laureys S, Boly M, **Dang-Vu T**, Desseilles M and Cleeremans A. *Memory processing during human sleep as assessed by functional neuroimaging*; Revue Neurologique, 159 (11 suppl), 2003, p. 6S27-6S29.
14. Maquet P, Laureys S, Perrin F, Ruby P, Melchior G, Boly M, **Dang-Vu T**, Desseilles M and Peigneux P. *Festina Lente: Evidences for fast and slow learning processes and a role for sleep in human motor skill learning*; Learning and Memory, 10 (4), 2003, p. 237-239.
15. Maquet P, Peigneux P, Laureys S, Desseilles M, Boly M and **Dang-Vu T**. *Off-line processing of memory traces during human sleep*; Sleep and Biological Rhythms, 1, 2003, p. 75-83.
16. Reginster JY, Ethgen O and **Dang-Vu T**. *La chondroprotection aujourd'hui* ; Rhumatologie, 52 (8), 2000, p. 13-16.

## Oral presentations

1. Donders Discussions 2008  
*Nijmegen (Netherlands), October 3-4, 2008*
  - **Dang-Vu T.T.**, Schabus M. and Maquet P. *Use of simultaneous EEG/fMRI recordings in the study of sleep physiology.*
2. 19<sup>th</sup> Congress of the European Sleep Research Society (ESRS)  
*Glasgow (U-K), September 9-13, 2008*
  - **Dang-Vu T.T.**, Schabus M., Boly M., Bonjean M., Darsaud A., Desseilles M., Phillips C. and Maquet P. *Processing of sounds during sleep spindles in humans: an EEG/fMRI study of auditory stimulation in non-REM sleep; Journal of Sleep Research, 2008 (suppl.).*
3. 29<sup>th</sup> International Congress of Psychology  
*Berlin (Germany), July 20-25, 2008*
  - Schabus M., Hödlmoser K., Klimesch W., **Dang-Vu T.** and Maquet P. *Oscillatory events in light non-REM sleep.*
4. 22<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies (APSS)  
*Baltimore (USA), June 7-12, 2008*
  - **Dang-Vu T.T.**, Schabus M., Boly M., Bonjean M., Darsaud A., Desseilles M., Phillips C. and Maquet P. *Processing of sounds during sleep spindles in humans: an EEG/fMRI study of auditory stimulation in non-REM sleep; SLEEP, 2008 (suppl.).*
5. “Sleep and Psychopathology”, Spring Meeting of the Belgian College of Neuropsychopharmacology and Biological Psychiatry (BCNBP)  
*Lille (France), May 24, 2008*
  - **Dang-Vu T.T.** *Normal and pathological sleep : contribution of brain imaging.*
6. 17<sup>th</sup> Meeting of the European Neurological Society (ENS)  
*Rhodes (Greece), June 16-20, 2007*
  - **Dang-Vu T.T.**, Schabus M., Desseilles M., Balteau E., Degueldre C., Gais S., Phillips C. and Maquet P. *Active brain processes during human quiescent sleep : an EEG / fMRI study of non-REM slow oscillations; Journal of Neurology, 2007, 254 (suppl. 3), p. III/50.*

7. “A Primer of Sleep Research : Focus on Brain Imaging and Sleep”, symposium organised by the Sleep Research Society (SRS)  
*La Jolla (California, USA), February 9-11, 2007*
  - **Dang-Vu T.T.**, Schabus M., Balteau E., Degueldre C., Gais S., Philips C. and Maquet P. *Active brain processes during human quiescent sleep : an EEG / fMRI study of non-REM slow oscillations.*
  
8. Belgian Association for Sleep Research and Sleep Medicine (BASS) Autumn Meeting Ghent (Belgium), October 6, 2006
  - **Dang-Vu T.T.**, Schabus M., Balteau E., Degueldre C., Gais S., Philips C. and Maquet P. *Active brain processes during quiescent sleep.*
    - <http://www.belsleep.org/pageview.aspx?id=50>
  
9. 18<sup>th</sup> Congress of the European Sleep Research Society (ESRS) Innsbruck (Austria), September 12-16, 2006
  - **Dang-Vu T.T.**, Schabus M., Balteau E., Degueldre C., Gais S., Philips C. and Maquet P. *Active brain processes during quiescent sleep; Journal of Sleep Research, 15 (Suppl. 1), 2006, p. 51.*
  - Schabus M., **Dang-Vu T.T.**, Balteau E., Degueldre C., Gais S., Philips C. and Maquet P. *Neural correlates of sleep spindles as revealed by simultaneous electroencephalography (EEG) and functional magnetic resonance imaging (fMRI); Journal of Sleep Research, 15 (Suppl. 1), 2006, p. 50-51.*
  
10. 5<sup>th</sup> Dutch Endo-Neuro-Psycho Meeting Doorwerth (Netherlands), June 6-9, 2006
  - Peigneux P., Orban P., Rauchs G., **Dang-Vu T.**, Maquet P. *Hippocampus-related processing of spatial memories during sleep and wakefulness: evidence from brain imaging studies*
  
11. 8<sup>th</sup> Annual International Clinical Symposium Kempenhaeghe “Neuroimaging: Epilepsy and Sleep”  
*Kempenhaeghe – Heeze (Netherlands), March 31, 2006*
  - **Dang-Vu T.** *Neuroimaging of normal human sleep revisited*
  
12. Symposium “Sleep and Neurology”  
*Luxembourg (Luxembourg), January 25, 2006*
  - **Dang-Vu T.** *Neuroanatomie fonctionnelle du sommeil chez l’homme normal*
    - [http://www.aepu.lu/sommeil/dang-vu\\_texte.pdf](http://www.aepu.lu/sommeil/dang-vu_texte.pdf)



13. 2<sup>nd</sup> Congress of the Canadian Sleep Society (CSS)  
*Québec (Canada), May 13-15, 2004*

- **Dang-Vu T.** *Functional neuroanatomy of normal human sleep.*
  - [http://www.cmeonsleep.com/pub/functional\\_neuroanatomy\\_of\\_normal\\_human\\_sleep.php](http://www.cmeonsleep.com/pub/functional_neuroanatomy_of_normal_human_sleep.php)

14. Joint meeting 'Académie royale de Médecine de Belgique' and 'Royal College of Physicians (London)'  
*Brussels (Belgium), February 28, 2004*

- Maquet P, Laureys S, Desseilles M, Boly M, **Dang-Vu T** and Peigneux P. *Off-line processing of memory traces during human sleep. Contribution of functional neuroimaging.*

### Poster presentations

1. 20<sup>th</sup> Anniversary Symposium of the Master in Affective Neuroscience  
*Florence (Italy), July 10-11, 2008*

- Desseilles M., Balteau E., Sterpenich V., **Dang-Vu T.T.**, Darsaud A., Vandewalle G., Albouy G., Salmon E., Peters F., Schmidt C., Schabus M., Gais S., Degueldre C., Phillips C., Luxen A., Anseau M., Maquet P., Schwartz S. *Abnormal neural filtering of irrelevant information in depressed patients.*

2. 15<sup>th</sup> annual meeting of the Cognitive Neuroscience Society  
*San Francisco (USA), April 12-15, 2008*

- Darsaud A., Dehon H, Sterpenich V., **Dang-Vu T.**, Desseilles M., Gais S., Matarazzo L., Schabus M., Vandewalle G., Luxen A., Collette F., Maquet P. *Cerebral correlates of False Memories after Sleep and Sleep Deprivation.*

3. 37<sup>th</sup> annual meeting of the Society for Neuroscience (SFN)  
*San Diego (USA), November 3-7, 2007*

- Albouy G., Sterpenich V., Darsaud A., Rauchs G., Vandewalle G., **Dang-Vu T.**, Gais S., Desseilles M., Balteau E., Degueldre C., Luxen A., Peigneux P., Luppi P.H., Lecaigard F., Delpuech C., Bertrand O., Maquet P. *The role of sleep in motor memory consolidation assessed by fMRI and MEG.*
- Sterpenich V., Albouy G., Darsaud A., Schmidt C., Vandewalle G., Desseilles M., **Dang-Vu T.**, Maquet P. *Sleep deprivation on the post-encoding night modifies the neural correlates of emotional memory retrieval 6 months later.*

- Bonjean M., Waroux O., Engel D., **Dang-Vu T.**, Phillips C., Lamy C., Scuvée-Moreau J., Sepulchre R., Maquet P., Seutin V. *Effect of the M-current on the excitability of midbrain dopaminergic neurons: a computational study.*
4. 5<sup>th</sup> World Congress of the World Federation of Sleep Research and Sleep Medicine Societies (WFSRSMS)  
*Cairns (Australia), September 2-6, 2007*
- **Dang-Vu T.T.**, Schabus M., Desseilles M., Boly M., Darsaud A., Balteau E., Degueldre C., Luxen A., Phillips C and Maquet P. *Human Brain is Active during Deep Non-REM Sleep*; Sleep and Biological Rhythms, 2007, 5(suppl.1); p. A51.
  - Schabus M, **Dang-Vu T.T.**, Balteau E., Degueldre C., Gais S., Phillips C. and Maquet P. *Hemodynamic Cerebral Correlates of Sleep Spindles during Human Non-REM Sleep*; Sleep and Biological Rhythms, 2007, 5(suppl.1); p. A50-1.
  - Schabus M, **Dang-Vu T.T.**, Boly M., Phillips C., Laureys S., Luxen A. and Maquet P. *Auditory Stimulation during Human Slow Wave Sleep in a Simultaneous Electroencephalography (EEG) and Functional Magnetic Resonance Imaging (fMRI) Study*; Sleep and Biological Rhythms, 2007, 5(suppl.1); p. A16.
  - Bonjean M., **Dang-Vu T.T.**, Phillips C., Maquet P., Sepulchre R. and Sejnowski T. *An in computo investigation of the Ladau-Kleffner syndrome reveals plausible mechanisms and the impact of slow-wave sleep on generalization of permanent epileptic discharges*; Sleep and Biological Rhythms, 2007, 5(suppl.1); p. A195.
5. Journées de Neurologie de Langue Française  
*Paris (France), April 11-14, 2007*
- **Dang-Vu T.T.**, Schabus M., Desseilles M., Boly M. and Maquet P. *Activations cérébrales au cours du Sommeil Lent*; Revue Neurologique, 2007, 163 (suppl. 4); p.79.
6. Conference on “Depression: Brain Causes – Body Consequences”, organized by the Institute of Psychiatry, King’s College London, at the Royal Society of Medicine  
*London (UK), April 2-3, 2007*
- Desseilles M., Maquet P., **Dang-Vu T.T.**, Sterpenich V., Vandewalle G., Peters F., Darsaud A., Degueldre C., Phillips C., Luxen A., Ansseau M. and Schwartz S. *Effects of attention on emotional face processing in depression: a functional MRI study.*

7. 20<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies (APSS)  
*Salt Lake City (USA), June 17-22, 2006*
  - Schmidt C, **Dang-Vu T**, Orban P, Perrin F, Vandewalle G, Dijk D-J, Collette F, Peigneux P. *Time-of-day modulations of regional cerebral blood flow response in functional brain imaging studies : a meta-analysis*; SLEEP, 2006 (suppl.), 29 S0171.
8. 12<sup>th</sup> Annual Meeting of the Organization for Human Brain Mapping (OHBM)  
*Florence (Italy), June 11-15, 2006*
  - Darsaud A, Balteau E, Desseilles M, Sterpenich V, Vandewalle G, Albouy G, **Dang-Vu T**, Collette F, Boly M, Garraux G, Peigneux P, Degueldre C, Wagner U, Luxen A and Maquet P. *Brain responses elicited during training foreshadow post-sleep insight*; NeuroImage, 2006 (suppl.).
9. 19<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies (APSS)  
*Denver (USA), June 18-23, 2005*
  - Montplaisir J, Rompré S, Whittom S, **Dang-Vu T**, Dauvilliers Y, Lavigne G. *Prevalence and functional significance of periodic leg movements in narcolepsy*; SLEEP, 2005 (suppl.).
10. 11<sup>th</sup> Annual Meeting of the Organization for Human Brain Mapping (OHBM)  
*Toronto (Canada), June 12-16, 2005*
  - Desseilles M, **Dang-Vu T**, Laureys S, Peigneux P, Vandewalle G, Balteau E, Sterpenich V, Albouy G, Darsaud A, Degueldre C, Luxen A and Maquet P. *A prominent role for amygdaloid complexes in the variability of heart rate during rapid eye movement (REM) sleep*; NeuroImage, 2005 (suppl.).
  - Albouy G, Ruby P, Balteau E, Sterpenich V, Vandewalle G, Desseilles M, **Dang-Vu T**, Darsaud A, Degueldre C, Luppi PH, Luxen A, Peigneux P and Maquet P. *Neural correlates of fast and slow ocular sequence learning*; NeuroImage, 2005 (suppl.).
  - Schmidt C, **Dang-Vu T**, Orban P, Vandewalle G, Destrebecqz A, D'Argembeau A, Garraux G, Laureys S, Lekeu F, Majerus S, Salmon E, Perrin F, Dijk DJ, Maquet P, Collette F and Peigneux P. *Time-of-day modulations of rCBF response in functional brain imaging studies: a meta-analysis*; NeuroImage, 2005 (suppl.).
  - Vandewalle G, Balteau E, Moreau V, Sterpenich V, Albouy G, Darsaud A, Desseilles M, **Dang-Vu T**, Schmidt C, Degueldre C, Luxen A, Peigneux P, Dijk DJ and Maquet P. *Neural correlates of a non-image forming response to light exposure during the daytime: a fMRI study*; NeuroImage, 2005 (suppl.).

11. 57<sup>th</sup> Annual Meeting of the American Academy of Neurology (AAN)  
*Miami (USA), April 9-16, 2005*
  - Montplaisir J, Whitton S, **Dang-Vu T**, Dauvilliers Y, Rompré S. *Periodic Leg Movements during Sleep and Waking in Narcolepsy*; Neurology, 2005 (suppl.).
12. 17<sup>th</sup> Meeting of the European Sleep Research Society (ESRS)  
*Prague (Czech Republic), October 5-9, 2004*
  - **Dang-Vu TT**, Maquet P, Desseilles M, Laureys S, Degueldre C, Perrin F, Philips C and Peigneux P. *Cerebral correlates of delta waves during human sleep-wake cycle*; Journal of Sleep Research 2004 (suppl.).
  - Desseilles M, Laureys S, **Dang-Vu T**, Peigneux P and Maquet P. *A prominent role for amygdaloid complexes in the variability of heart rate during rapid eye movement (REM) sleep*; Journal of Sleep Research, 2004 (suppl.).
13. 10<sup>th</sup> Annual Meeting of the Organization for Human Brain Mapping (OHBM)  
*Budapest (Hungary), June 13-17, 2004*
  - **Dang-Vu TT**, Melchior G, Laureys S, Degueldre C, Perrin F, Philips C, Maquet P and Peigneux P. *Cerebral correlates of spindles and delta waves during human sleep-wake cycle*; NeuroImage, 2004 (suppl.).
14. International sleep congress in honor of Michel Jouvet  
*Lyon (France), September 3-4, 2003*
  - **Dang-Vu T.**, Maquet P., Laureys S., Degueldre C., Perrin F., Philips C., Peigneux P. *Cerebral correlates of sigma and delta activity during sleep.*
15. 14<sup>th</sup> Meeting of the International Society for Developmental Neuroscience (ISDN)  
*Sydney (Australia), January 31 – February 4, 2002*
  - LePrince P, Desseilles M, **Dang-Vu T**, Chanas-Sacré G and Moonen G. *Origin and differentiation of cerebellar astroglial cells*; International Journal of Developmental Neuroscience, 19 (8), 2001, p. 725.
16. 5<sup>th</sup> European Meeting on Glial Cell Function in Health and Disease (Euroglia)  
*Rome (Italy), May 21-25, 2002*
  - LePrince P, Desseilles M, **Dang-Vu T**, Chanas-Sacré G and Moonen G. *Origin and differentiation of cerebellar astroglial cells*; Glia, 38 (suppl 1), 2002, p. S72.

## Others

- Occasional ad-hoc reviewer for *Sleep*, *Journal of Sleep Research*, *Sleep Medicine* and *Journal of Clinical Sleep Medicine*
- Membership:
  - **European Sleep Research Society (ESRS)**
  - **Sleep Research Society (SRS)**
  - **Belgian Neurological Society (BNS)**
  - **Belgian Association for Sleep Research and Sleep Medicine (BASS)**
  - **MENSA**

## Languages

- French (mother language)
- English (spoken, written)
- Dutch (elementary spoken, written)
- Vietnamese (spoken)

## Hobbies

- Piano, classical music, opera
- History, politics
- Cinema
- Art exhibitions, city trips
- Swimming, cycling, squash