

LIVE INTERVENTIONAL NEURORADIOLOGY NEUROSURGERY COURSE



# LINNC

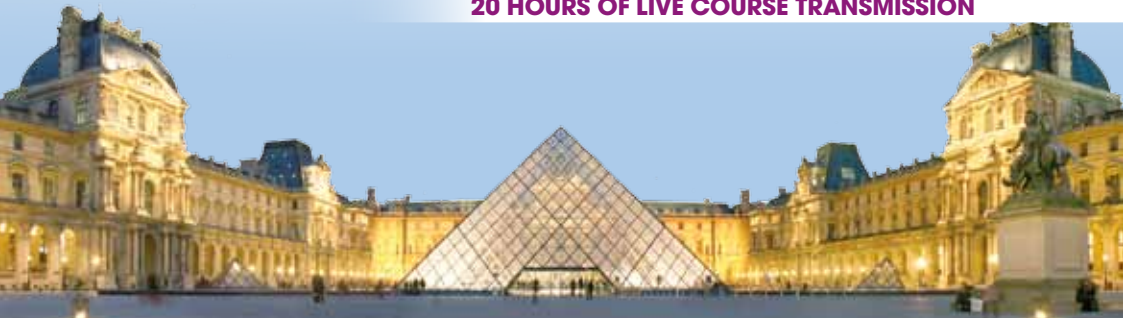
PARIS 2012



**June 12-14,  
2012**

**Paris, France  
Carrousel du Louvre**

**20 HOURS OF LIVE COURSE TRANSMISSION**



**PROGRAM**



18 CME CREDITS

europa  organisation

Dear Friends and Colleagues,

**For its 15th anniversary, the Live Interventional NeuroRadiology and NeuroSurgery Course (LINNC)** will be taking place once again in the impressively beautiful setting of the Carrousel du Louvre in Paris. Whilst the location remains unchanged, the course itself continues to evolve, **aiming to provide you the best of medical education.**

Live clinical cases when just showing repetitive techniques and procedures are without medical interest and we want to avoid that. However, if properly selected, they do remain a fruitful and exciting way for learning in interventional neuroradiology.

**LINNC 2012 cases will focus on the very singular alchemy, which brings together operators, materials and medical strategies.** Indeed no therapeutic procedure can rely solely on technology, even when most sophisticated.

**Six worldwide experienced teams will participate to live transmissions.** Physicians with different medical cultures and using diverse techniques will provide real-time illustration of decision-making process. The extraordinary recent evolution in our speciality forbids us from any intellectual orthodoxy and compels us in encouraging diversity of opinion and open mindedness.

By providing during 3 days the frontline of technological developments with the opportunity of learning from world-renowned teams, **LINNC 2012 will definitely fulfill all your wishes.**

All the board of directors wishes you a fruitful learning at LINNC 2012.

## LINNC 2012 PROGRAM DIRECTOR



Pr. Jacques Moret

## COURSE DIRECTORS



Pr. Juha Hernesniemi



Pr. Michel E. Mawad



Pr. Mika Niemelä



Pr. Laurent Spelle

## LINNC 2012 FACULTY

### **Pr. Nadine AJZENBERG**

Professor and Chairman of Hematology  
Bichat - Claude Bernard University Hospital  
Paris, France

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### **Pr. Alain BONAFE**

Professor and Chairman  
of Interventional Neuroradiology  
Montpellier University Hospital  
Montpellier, France

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### **Pr. Christophe COGNARD**

Professor and Chairman of Neuroradiology  
Purpan University Hospital - Toulouse, France

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### **Dr. Vincent COSTALAT**

Department of Neuroradiology  
Montpellier University Hospital  
Montpellier, France

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Professor of Neurosurgery  
University of Illinois - Chicago, IL, United States

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Professor of Thoracic  
and Vascular Surgery  
Surgical Center Marie Lannelongue  
Paris (Le Plessis Robinson), France

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### **Pr. Juha HERNESNIEMI**

Professor and Chairman of Neurosurgery  
HUCH Hospital - Helsinki, Finland

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### **Pr. Tudor G. JOVIN**

Associate Professor of Neurology  
and Neurosurgery  
Director, UPMC Stroke Institute  
Pittsburgh, PA, United States

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### **Pr. Riku KIVISAARI**

Professor of Neurosurgery  
HUCH Hospital - Helsinki, Finland

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### **Pr. Feng LING**

Professor of Neurosurgery  
Xuan Wu Hospital, Capital Medical University  
Beijing, P.R. China

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### **Dr. Karl-Olof LÖVBLAD**

Department of Interventional Neuroradiology  
University Hospital of Geneva  
Geneva, Switzerland

### **Pr. Boris LUBICZ**

Professor of Interventional Neuroradiology  
Erasmus University Hospital - Brussels, Belgium

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### **Pr. Michel E. MAWAD**

Professor and Chairman of Radiology  
Baylor College of Medicine  
Houston, TX, United States

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### **Pr. Cameron G. MCDUGALL**

Medical Director,  
Endovascular Neurosurgery and Stroke Program  
Barrow Neurological Institute  
Phoenix, AZ, United States

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### **Pr. Jacques MORET**

Professor and Chairman of Interventional  
Neuroradiology, NEURI, the Brain Vascular Center  
Beaujon University Hospital - Paris, France

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### **Dr. Skander NECIB**

Department of Anesthesiology and Resuscitation  
Beaujon University Hospital - Paris, France

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### **Pr. Mika NIEMELÄ**

Associate Professor,  
Head of Section of Neurosurgical OR  
HUCH Hospital - Helsinki, Finland

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### **Pr. Catherine PAUGAM-BURTZ**

Professor and Chairman  
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Beaujon University Hospital - Paris, France

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### **Dr. Sebastian PEASE**

Department of Anesthesiology and Resuscitation  
Beaujon University Hospital - Paris, France

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### **Dr. Vitor MENDES PEREIRA**

Head of section of Interventional Neuroradiology  
University Hospital of Geneva  
Geneva, Switzerland

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### **Pr. Laurent PIEROT**

Professor and Chairman of Radiology  
Reims University Hospital - Reims, France

**Dr. Rodrigo RIVERA**

Department of Interventional Neuroradiology  
Neurosurgery Institute of Asenjo - Santiago, Chile

**Pr. Donglei SONG**

Professor of Neurosurgical Surgery  
Huashan Hospital, Fudan University  
Shanghai, P.R. China

**Pr. Laurent SPELLE**

Professor of Interventional Neuroradiology,  
NEURI, the Brain Vascular Center  
Beaujon University Hospital - Paris, France

**Pr. Christian STAPP**

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Lariboisière University Hospital - Paris, France

**Pr. Rokuya TANIKAWA**

Professor of Neurosurgery  
and Director Stroke Center  
Teishinkai Hospital - Sapporo, Japan

**Pr. Hongqi ZHANG**

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Xuan Wu Hospital, Capital Medical University  
Beijing, P.R. China

**Pr. Peng ZHANG**

Professor of Neurosurgery  
Xuan Wu Hospital, Capital Medical University  
Beijing, P.R. China

**Pr. Xin ZHI**

Professor of Neurosurgery  
Xuan Wu Hospital, Capital Medical University  
Beijing, P.R. China

**LINNC 2012 LIVE CENTERS**

**Paris, France**

Team managed by  
Pr. Jacques Moret & Pr. Laurent Spelle  
Department of Interventional Neuroradiology  
NEURI, the Brain Vascular Center  
Beaujon University Hospital

**Helsinki, Finland**

Team managed by  
Pr. Juha Hernesniemi & Pr. Mika Niemelä  
Department of Neurosurgery  
HUCH Hospital

**Houston, Texas, United States**

Team managed by Pr. Michel E. Mawad  
Department of Radiology  
Baylor College of Medicine

**Phoenix, Arizona, United States**

Team managed by Pr. Cameron G. McDougall  
Department of Endovascular Neurosurgery and  
Stroke Program  
Barrow Neurological Institute

**Beijing, P.R. China**

Team managed by Pr. Feng Ling  
Department of Neurosurgery  
Xuan Wu Hospital, Capital Medical University

**Geneva, Switzerland**

Team managed by Dr. Vitor Mendes Pereira  
Department of Interventional Neuroradiology  
University Hospital of Geneva

**LINNC 2012 ACCREDITATION**



LINNC 2012 **was granted 18 European CME credits** (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME) - **AMA PRA recognition Category 1 Credits™**

**LINNC 2012 ENDORSEMENT**



The LINNC is endorsed by the ESMINT as a recommended European Educational Event.

# TUESDAY, JUNE 12, 2012

<p><b>08:00 - 08:35</b> 08:00 - 08:20 08:20 - 08:35</p>	<p><b>Keynote Lecture</b></p> <ul style="list-style-type: none"> <li>• Pre, Per and Post management of patients undergoing INR treatment <i>Dr. Sebastian PEASE - Dr. Skander NECIB - Pr. Catherine PAUGAM-BURTZ, Paris, FRANCE</i></li> <li>• Management and control of antiplatelet treatment for aneurysms stenting <i>Pr. Nadine AJZENBERG, Paris, FRANCE</i></li> </ul>
<p><b>08:35 - 10:15</b></p>	<p><b>Live Cases Transmission</b></p> <ul style="list-style-type: none"> <li>• <b>Paris - Beaujon University Hospital, France</b> <i>Pr. Jacques MORET, Pr. Laurent SPELLE</i></li> <li>• <b>Helsinki - HUCH Hospital, Finland</b> <i>Pr. Juha HERNESNIEMI, Pr. Mika NIEMELÄ,</i> <i>Pr. Reza DASHTI (Chicago, UNITED STATES) and Pr. Rokuya TANIKAWA (Sapporo, JAPAN)</i></li> </ul>
<p><b>10:15 - 10:45</b></p>	<p><b>Coffee break &amp; Visit of the exhibition area</b></p>
<p><b>10:45 - 12:30</b></p>	<p><b>Live Cases Transmission</b></p> <ul style="list-style-type: none"> <li>• <b>Helsinki - HUCH Hospital, Finland</b> <i>Pr. Juha HERNESNIEMI, Pr. Mika NIEMELÄ,</i> <i>Pr. Reza DASHTI (Chicago, UNITED STATES) and Pr. Rokuya TANIKAWA (Sapporo, JAPAN)</i></li> <li>• <b>Geneva - University Hospital of Geneva, Switzerland</b> <i>Dr. Vitor MENDES PEREIRA, Dr. Karl-Olof LÖVBLAD</i></li> </ul>
<p><b>12:30 - 13:15</b></p>	<p><b>Lunch Break in the exhibition area</b></p>
<p><b>13:15 - 14:00</b> 13:15 - 13:30 13:30 - 13:45 13:45 - 14:00</p>	<p><b>COVIDIEN Symposium: Innovation, Experience, and Clinical Evidence in Ischemic Stroke</b></p> <p>Moderator: Mrs. Stacey PUGH, Irvine, UNITED STATES</p>  <ul style="list-style-type: none"> <li>• Pipeline™ Embolization Device and Reflex™ Intracranial Support Catheter for the Treatment of Intracranial Aneurysm: A single Center Experience <i>Dr. Markus HOLTMANNSPÖTTER, Copenhagen, DENMARK</i></li> <li>• Solitaire™ FR Revascularization Device: A Multi-Center Retrospective Study as a First Line Device for Acute Ischemic Stroke <i>Dr. Jan GRALLA, Bern, SWITZERLAND</i></li> <li>• Solitaire™ FR With the Intention for Thrombectomy (SWIFT) Randomised Clinical Trial <i>Mrs. Stacey PUGH, Irvine, UNITED STATES</i></li> </ul>
<p><b>14:00 - 15:00</b></p>	<p><b>Live Cases Transmission</b></p> <ul style="list-style-type: none"> <li>• <b>Paris - Beaujon University Hospital, France</b> <i>Pr. Jacques MORET, Pr. Laurent SPELLE</i></li> <li>• <b>Helsinki - HUCH Hospital, Finland</b> <i>Pr. Juha HERNESNIEMI, Pr. Mika NIEMELÄ,</i> <i>Pr. Reza DASHTI (Chicago, UNITED STATES) and Pr. Rokuya TANIKAWA (Sapporo, JAPAN)</i></li> </ul>
<p><b>15:00 - 16:00</b></p>	<p><b>Live Cases Transmission &amp; Keynote Lecture</b></p> <ul style="list-style-type: none"> <li>• <b>Houston - Baylor College of Medicine Texas, United States</b> <i>Pr. Michel E. MAWAD</i></li> <li>• Critical analysis of Evidence Based Medicine in INR <i>Pr Christophe COGNARD, Toulouse, FRANCE</i></li> </ul>
<p><b>16:00 - 16:30</b></p>	<p><b>Coffee break &amp; Visit of the exhibition area</b></p>
<p><b>16:30 - 17:30</b></p>	<p><b>Live Cases Transmission</b></p> <ul style="list-style-type: none"> <li>• <b>Houston - Baylor College of Medicine Texas, United States</b> <i>Pr. Michel E. MAWAD</i></li> </ul>
<p><b>17:30 - 18:00</b> 17:30 - 17:45 17:45 - 18:00</p>	<p><b>PHILIPS HEALTHCARE Symposium: X-Ray Dose in the INR Suite - Joining Forces Towards a Safer Future</b></p>  <ul style="list-style-type: none"> <li>• AlluraClarity Dose Studies, Involving ClarityIQ Technology <i>Dr. Drazenko BABIC, Best, NETHERLANDS</i></li> <li>• Real-time Dosimetry System and Its Impact on Current Practices in an Angiography Room <i>Dr. Fazel BOUJAN, Strasbourg, FRANCE</i></li> </ul>

<b>08:00-08:40</b> 08:00 - 08:20  08:20 - 08:40	<b>Keynote Lecture</b> <ul style="list-style-type: none"> <li>• Endovascular Mechanical Thrombectomy versus Thrombolysis in acute stroke <i>Pr. Tudor G. JOVIN, Pittsburgh, UNITED STATES</i></li> <li>• Results of mechanical thrombectomy <i>Pr. Alain BONAFAE, Montpellier, FRANCE</i></li> </ul>
<b>08:40 - 10:15</b>	<b>Live Cases Transmission</b> <ul style="list-style-type: none"> <li>• <b>Beijing - Xuan Wu Hospital, P.R. China</b> <i>Pr. Feng LING, Pr Hongqi ZHANG, Pr Xin ZHI, Pr Peng ZHANG</i></li> <li>• <b>Geneva - University Hospital of Geneva, Switzerland</b> <i>Dr. Vitor MENDES PEREIRA, Dr. Karl-Olof LÖVBLAD</i></li> </ul>
<b>10:15 - 10:45</b>	<b>Coffee break &amp; Visit of the exhibition area</b>
<b>10:45 - 12:30</b>	<b>Live Cases Transmission</b> <ul style="list-style-type: none"> <li>• <b>Beijing - Xuan Wu Hospital, P.R. China</b> <i>Pr. Feng LING, Pr Hongqi ZHANG, Pr Xin ZHI, Pr Peng ZHANG</i></li> <li>• <b>Paris - Beaujon University Hospital, France</b> <i>Pr. Jacques MORET, Pr. Laurent SPELLE</i></li> </ul>
<b>12:30 - 13:15</b>	<b>Lunch Break in the exhibition area</b>
<b>13:15 - 14:00</b>	<b>STRYKER NEUROVASCULAR Symposium: Trevor<sup>®</sup> Pro Retrieval System: Advancing Complete Stroke Care Solutions through Clinical Evidence</b> <div style="text-align: right;">  </div> <p style="text-align: right;"><i>Pr. Tudor G. JOVIN, Pittsburgh, UNITED STATES</i></p>
<b>14:00 - 15:00</b>	<b>Live Cases Transmission</b> <ul style="list-style-type: none"> <li>• <b>Paris - Beaujon University Hospital, France</b> <i>Pr. Jacques MORET, Pr. Laurent SPELLE</i></li> <li>• <b>Geneva - University Hospital of Geneva, Switzerland</b> <i>Dr. Vitor MENDES PEREIRA, Dr. Karl-Olof LÖVBLAD</i></li> </ul>
<b>15:00 - 16:00</b>	<b>Live Cases Transmission &amp; Keynote Lecture</b> <ul style="list-style-type: none"> <li>• <b>Phoenix - Barrow Neurological Institute, Arizona, United States</b> <i>Pr. Cameron G. MCDUGALL</i></li> <li>• Follow-up of LINNC 2011 cases <i>Pr. Jacques MORET, Pr. Laurent SPELLE, Paris, FRANCE</i></li> <li>• Low radiation, high details: the future of Interventional Neuroradiology <i>Pr. Jacques MORET, Pr. Laurent SPELLE, Paris, FRANCE</i></li> </ul>
<b>16:00 - 16:30</b>	<b>Coffee break &amp; Visit of the exhibition area</b>
<b>16:30 - 17:30</b>	<b>Live Cases Transmission</b> <ul style="list-style-type: none"> <li>• <b>Phoenix - Barrow Neurological Institute, Arizona, United States</b> <i>Pr. Cameron G. MCDUGALL</i></li> </ul>

# THURSDAY, JUNE 14, 2012

<b>08:30 - 08:45</b>	<b>Keynote Lecture</b> • Biomechanics of the aneurysmal wall <i>Dr. Vincent COSTALAT, Montpellier, FRANCE</i>
<b>08:45 - 09:20</b> 08:45 - 08:55 08:55 - 09:05 09:05 - 09:20	<b>Keynote Lecture</b> • Why should we divert the flow from inside? The experience of the Web device for endovascular treatment of cerebral aneurysms <i>Pr. Laurent PIEROT, Reims, FRANCE</i> • Results of WEB device in clinical practice <i>Pr. Boris LUBICZ, Brussels, BELGIUM</i> • Debate and open discussion on inside versus outside flow diversion <i>Pr. Laurent PIEROT, Reims, FRANCE - Pr. Boris LUBICZ, Brussels, BELGIUM Pr. Jacques MORET, Paris, FRANCE - Pr. Laurent SPELLE, Paris, FRANCE</i>
<b>09:20 - 10:15</b> 09:20 - 09:45 09:45 - 10:05 10:05 - 10:15	<b>Keynote Lecture</b> • Brain AVMs in China: prevalence and incidence, results of endovascular treatment <i>Pr. Donglei SONG, Shanghai, CHINA</i> • Should we treat brain AVMs in 2012 ? Implications from the ARUBA study <i>Pr. Christian STAPF, Paris, FRANCE</i> • Debate and open discussion on brain AVM treatment <i>Pr. Donglei SONG, Shanghai, CHINA - Pr. Christian STAPF, Paris, FRANCE Pr. Jacques MORET, Paris, FRANCE - Pr. Laurent SPELLE, Paris, FRANCE</i>
<b>10:15 - 10:45</b>	<b>Coffee break &amp; Visit of the exhibition area</b>
<b>10:45 - 12:30</b>	<b>Live Cases Transmission &amp; Cases discussions</b> • <b>Paris - Beaujon University Hospital, France</b> <i>Pr. Jacques MORET, Pr. Laurent SPELLE</i>
<b>12:30 - 13:15</b>	<b>Lunch Break in the exhibition area</b>
<b>13:15 - 14:00</b> 13:15 - 13:30 13:30 - 13:45 13:45 - 14:00	<b>CODMAN Symposium: Pack it to the Maxx</b> Moderator: Pr. Patrick A BROUWER, Leiden, NETHERLANDS  • How important is packing density <i>Pr. Matthew J. GOUNIS, Worcester, UNITED STATES</i> • Delta Maxx: first european experiences <i>Pr. Patrick A. BROUWER, Leiden, NETHERLANDS</i> • ESAT Study <i>Pr. Laurent SPELLE, Paris, FRANCE - Pr. Christophe COGNARD, Toulouse, FRANCE</i>
<b>14:00 - 15:45</b>	<b>Live Cases Transmission &amp; Cases discussions</b> • <b>Paris - Beaujon University Hospital, France</b> <i>Pr. Jacques MORET, Pr. Laurent SPELLE</i>
<b>15:45 - 16:25</b> 15:45 - 16:00 16:00 - 16:15 16:15 - 16:25	<b>Keynote Lecture</b> • Carotid stenting versus carotid endarterectomy in 2012: the interventional neurologist's point of view <i>Pr. Tudor G. JOVIN, Pittsburgh, UNITED STATES</i> • Carotid stenting versus carotid endarterectomy in 2012: the surgeon's point of view <i>Pr. Elie FADEL, Paris, FRANCE</i> • Debate and open discussion on carotid artery stenosis treatment <i>Pr. Tudor G. JOVIN, Pittsburgh, UNITED STATES - Pr. Elie FADEL, Paris, FRANCE Pr. Jacques MORET, Paris, FRANCE - Pr. Laurent SPELLE, Paris, FRANCE</i>
<b>16:25 - 16:30</b>	<b>Closing remarks and take home message from LINNC 2012</b>

A coffee break is available from 15:45 till 16:30 in the exhibition area



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[www.linnc.com](http://www.linnc.com)



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