

Ecole Internationale Daniel Chalonge-Héctor deVega

Science with great intellectual endeavor and a human face



**La Science qui donne envie
Une grande aventure scientifique et humaine**

***28 Years of Activity. Calling for Understanding
Open and Free Science - Open and Free Access***

Welcome to the Chalonge – de Vega School:

**A Laboratory of Ideas
Research, Training, Scientific Culture**

***A beacon at the forefront of physical cosmology and
astrofundamental physics with novel scientific research,
projects and ideas, international collaboration and careful
interdisciplinarity, with both Theory and Observations***

***Open to researchers, post-docs, advanced students of
different disciplines in the field, both theorists,
experimentalists, observers. Open to specialists and
non-specialists in the field, teachers, communicators,
journalists***

PROGRAMME 2019

THE NEW UNIVERSE & THE OLD UNIVERSE

THE NEW UNDERSTANDING: DARK ENERGY

28 MARCH 2019: Session ouverte Le Précurseur
Quantique de notre Univers et ses Conséquences
Aujourd'hui, Cité Internationale Universitaire de Paris,
Maison de l'Argentine, Paris 14e.

APRIL & MAY 2019: Le Nouvel Univers et l'Ancien Univers.
Quo Vadis Science? Ubi es Science?. Science Libre et en
Libre Accès.

JUNE 2019: Nouvelle phase de l'Univers, vide quantique,
énergie noire et gravitons primordiaux Cité Internationale
Universitaire de Paris, Paris 14e.

SEPTEMBRE & OCTOBRE 2019: La Nouvelle Histoire
Physique de l'Univers. Les transformations actuelles de la
Science: Technique, technologie, technocratie, fuite en
avant, course aux financements : Où est la Science ?

28 NOVEMBER 2019 : Session Ouverte Les Nouvelles
Perspectives, Conclusions 2019 & Avant-Première 2020,
Cité Internationale Universitaire de Paris, Maison de
l'Argentine, Paris 14e.

*"Et ce n'est pas tout..." (Citation d'Henri Poincaré)
And other events*

<https://chalonge-devega.fr/Programme2019.html>

Scientific support to the Programme 2019:
<https://chalonge-devega.fr/Programme2018.html>

The Daniel Chalonge Medal and the Héctor de Vega Medal

Awarded Medals:

Subramanyan CHANDRASEKHAR, Nobel prize of physics.

Bruno PONTECORVO.

George SMOOT, Nobel prize of physics.

Carlos FRENK

Anthony LASENBY.

Bernard SADOULET, Fellow of the USA Academy of Arts & Sciences

Peter BIERMANN.

John MATHER, Nobel prize of physics.

Brian SCHMIDT, Nobel prize of Physics.

Gérard GILMORE, Fellow of the UK Royal Society.

Héctor J. DE VEGA.

Nicholas KAISER, Golden medal of the UK Royal Society

**Héctor DE VEGA,
the Scientist and the Human person**

<https://chalonge-devega.fr/HdeV.html>

**School Courses, on line Lectures,
Album of Pictures, Scientific News,
Archives Chalonge de Vega Sanchez:**

<https://chalonge-devega.fr>

Science Organizers:

**Norma G. SANCHEZ, Maria C. FALVELLA, Alba ZANINI,
Diego J. CIRILO, Marina RAMON MEDRANO, Annalisa PERISSA,
and other colleagues...**

Engineering Support:

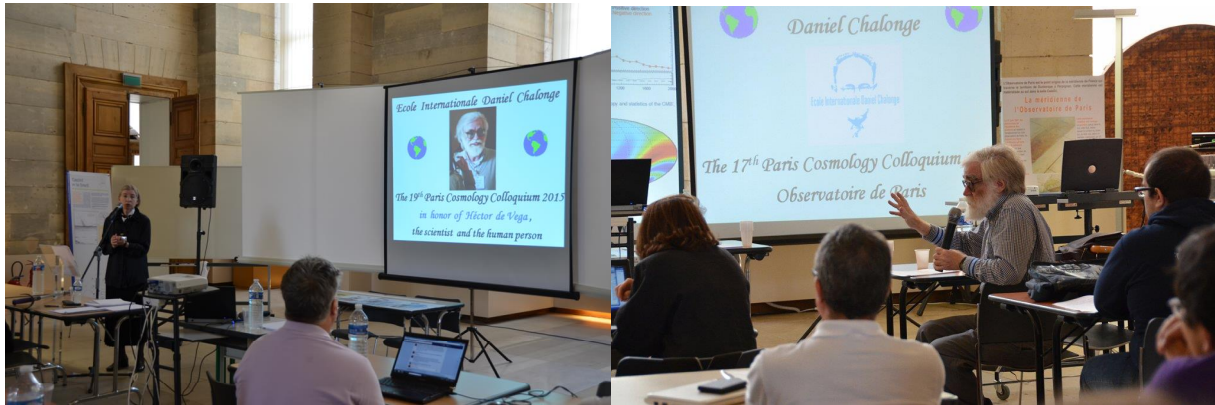
**Djilali ZIDANI, François SEVRE, Emmanuel VERGNAUD,
Jérôme BERTHIER, Marie PLANCHOT, and other colleagues....**

<https://chalonge-devega.fr/>



**The Chalonge School, a laboratory of ideas
a great scientific and human adventure**



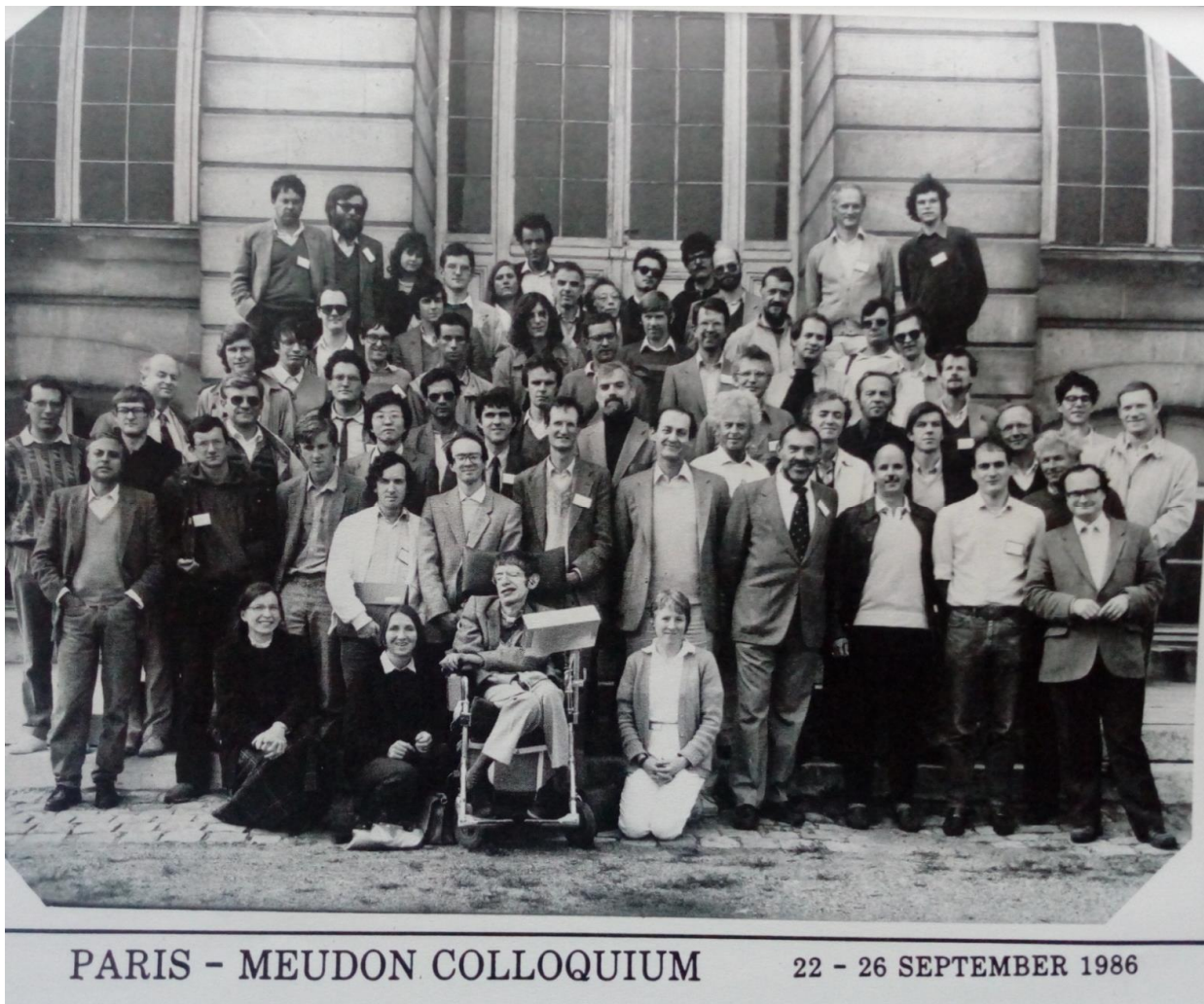


The Daniel Chalonge Medal and the Héctor de Vega Medal, a surprise award.



The list of the awarded Chalonge Medals :
1991: Subramanyan Chandrasekhar,
Nobel prize of physics.
1992: Bruno Pontecorvo.
2006: George Smoot, *Nobel prize of physics.*
2007: Carlos Frenk.
2008: Anthony Lasenby.
2008: Bernard Sadoulet.
2009: Peter Biermann.
2011: John Mather, *Nobel prize of physics.*
2012: Brian Schmidt, *Nobel prize of physics.*
2013: Gerard Gilmore.
2015 : Héctor de Vega.





Archives Sanchez de Vega

Colloque pionnier de 1986: "String Theory, Quantum Gravity and Quantum Cosmology, Integrable and Conformal Invariant Theories"

En bas: Norma Sanchez, Jane Wilde Hawking, Stephen Hawking, une assistante.

En haut à gauche: Héctor de Vega, à son côté Jean-François Augereau (journal Le Monde).

Moitié droite: Gary Gibbons, Chris Pope, Kellogg Stelle, Stanley Deser, J. Harnad, Helmut Rumpf, Tom Curtright, Jean Heidmann, Paolo Di Vecchia, Vladimir Rittenberg, Bernard Whiting, é , Dieter Maison, J-Pierre Antoine, é Peter Aichelburg, Gerhard Schafer, P. Ruback, Don Page, E. Corrigan, é M. Umezawa, é , J. Kijowski, Michael Karowski, Karl Rehren

Moitié gauche: Renato Musto, Jean Avan, un assistant de Stephen Hawking, Charles Nash, é , Carl Bender, é , Roberto Pettorino, Jan Moss, Antonio Segui, David Olive, Ulf Lindström, Holger Nielsen, Antoine Van Proeyen é , Robert Pisarski, Hugh Osborn, M. Costa, Anne Magnon, Claudio Destri...., Héctor de Vega, Jean-François Augereau.

é . Parmi les participants et conférenciers du colloque absents sur la photo é . John G. Taylor, François Englert (prix Nobel de Physique 2013), Claude Itzykson, Jean Lascoux, Pierre Fayet, é



Inauguration of the Chalonge School : First course on Astrofundamental Physics, septembre 1991.

De gauche à droite et de bas en haut: Turner, Mme Chandrasekhar, Chandrasekhar, Sanchez, Smoot, Khalatnikov, Einasto, Divan, Pontecorvo, Turok, Frenk, Kibble, Fehrenbach, De Greiff, Lousto', de Vega, Stompor, Cayrel, Mollerach, ...Nusser, ..Amendola,, Mme Ferenbach, Jaffe, Müller, Giovannini, Taylor, Haxton, Hua, Astone, Dressler, Pizzella, Gabriele, Joffe, Dettki, Jaffe, Muriel, Bertschinger, Ormes, Grishsuk, Hearnshaw, Easter, Sadoulet, Silk, Roulet, Harari,...., hors champ: Audouze, Bergmann et Mme, Fang Li Zhi, Richards, Schatzman, Weber,.....



Chalonge School 2nd course on Astrofundamental Physics, septembre 1992

De gauche à droite et de bas en haut: Bergmann, Hogan, Dekel, Lynden-Bell, Frenk, Smoot, Sanchez, Pontecorvo, Israel, Kolb, Schramm, Ramond, Fishman, Lousto', Campanelli, Mme Bergmann, Mosconi, Falvella, Signore, Bottinelli, Gouguenheim, de Vega, Khalatnikov, Vittorio, Lasenby, Shapiro, Weekes, Salopek, Schmid, Grabar, Pontecorvo Jr, Einasto, Dubrovich, Boyanovsky, Parijskij, Prokopek, Peltoniemi, ..., Dettki, Levinas, Magueijo, ,..., Nicolaidis, Brandenberger, Giovannini,Copeland, ..., Blumenfeld, Gottlöber, Hartman, ..., Muriel, Kogut, Grindlay, ...Cappozziello,...., Donzelli, Easter,...., hors champ: Rowan-Robinson, Frolov, , Danzmann, Schönfelder,



En haut: July 2010 Paris. En bas: July 2013 Paris: Les participants dont trois lauréats du prix Nobel de Physique en Cosmologie 2006-2012, et six médailles Chalonge, réunis sur la méridienne de Paris.



<https://chalonge-devega.fr/>