

**Ecole Internationale Daniel Chalonge-Héctor de Vega**  
**Science with great intellectual endeavor and a human face**



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

***Open Session - Séance Ouverte***  
***Open and Free Acces***

**Thursday 3 december 2020**  
**16h France Time**

**Adam G. RIESS, *Johns Hopkins U.***  
**Nobel Prize of Physics,**  
**Receives the Daniel Chalonge and**  
**the Héctor de Vega Medals**  
**And deliver a Conference on:**  
**H0, Recent Results**

**Virtual Session by Zoom**  
**Thursday 3 december 2020**  
**16h France Time**

<https://chalonge-devega.fr/Programme2020.html>

<https://chalonge-devega.fr>



**PROGRAMME**  
**(in French Time)**

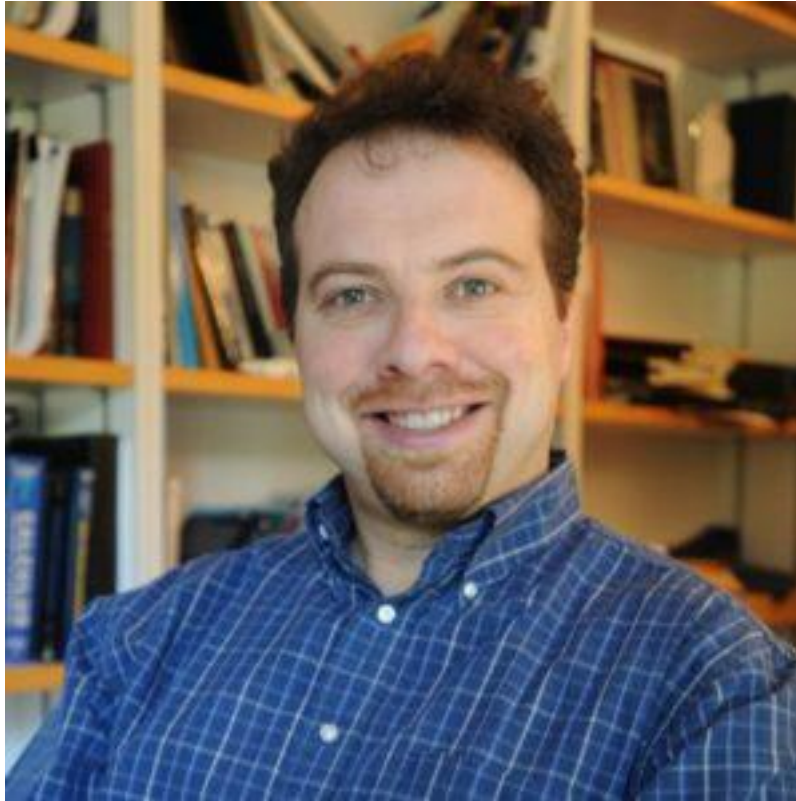
**15h45: Opening of the room**

**16h00: Presentation of the Chalonge and  
de Vega Medals to Adam G. RIESS**

**16h30: Conference by Adam G. RIESS :  
Ho. Recent Results**

**17h15: Questions, Discussion**

**Champagne and Congratulations**



Bloomberg Distinguished Professor Adam G. Riess receives the 2020 Chalonge-de Vega Medals from the International School of Astrophysics in Paris. The citation for the award reads *“for his contribution to the discovery of dark energy, interpretation as a cosmological constant and for his continuous results on the Hubble constant.”*

<https://physics-astronomy.jhu.edu/2020/09/15/adam-riess-receives-2020-chalonge-de-vega-medals-from-the-international-school-of-astronomy/>

[https://chalonge-devega.fr/Archives\\_Daniel\\_Chalonge.html](https://chalonge-devega.fr/Archives_Daniel_Chalonge.html)





The Daniel Chalange Medal and  
The Hector de Vega Medal  
are a totally Surprise Award. The Chalange  
Medal was designed by the noted french sculptor and  
artist printer (and medal designer) Madeleine  
Pierre Guirrolle (1913-2014) and coined by  
the Maison de la Monnaie de Paris (the french  
exclusively for the Chalange School. The Hector  
de Medal was coined and designed by the famous  
Artist and Medalist of the noted Maison Guenée  
the portrait made by Marie Blumenthal  
and daughter of Dr. Pierre Guenée of Henri  
Kathleen Blumenthal... for the Medal in 1977.  
The List of the awarded Chalange & de Vega 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: Hector de Vega  
2018: Nicholas Kaiser  
2020: Adam Riess, Nobel prize of Physics  
( Archives 4448: // chalange-devega.fr )

Daniel Chalange Medal  
and  
Hector de Vega Medal 2020  
A Surprise Award.

The two Medals are awarded this  
Year to Prof. Dr. Adam G. RIESS  
( Johns Hopkins University & STSI, Baltimore )  
( and Nobel Prize of Physics ) for his  
contribution to the Discovery of dark energy,  
its interpretation as a cosmological constant  
and for his continuous results on the  
Hubble constant  $H_0$ .

The International School of Astrophysics  
Daniel Chalange - Hector de Vega  
Paris, 2020  
M. Guenée



- Awarded 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, Fellow of the USA Acad. of Arts & Scs
  - 2009: Peter BIERMANN. 2011: John MATHER, Nobel prize of physics.
  - 2012: Brian SCHMIDT, Nobel prize of physics.
  - 2013: Gerard GILMORE: Fellow of the UK Royal Society.
  - 2015: Héctor J. DE VEGA. 2018: Nicholas KAISER Golden medal UK Royal Society.
  - 2020: Adam G. RIESS, Nobel prize of physics.



**Maison de la Monnaie de Paris (The French Mint) 1st 1979. 2<sup>nd</sup> Exclus 2007.  
Madeleine P Querolle (1914 – 2014)**



**Maison Canale 2015. Dr Nadia Charbit Blumenfeld  
(Kathleen 1923-2011, Henry, Helaine, Erwin 1897-1969)**

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





**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.



- 2018:** Nicholas Kaiser.
- 2020:** Adam G. Reiss, *Nobel prize of physics.*
- 2021:**





PARIS - MEUDON COLLOQUIUM

22 - 26 SEPTEMBER 1986

### 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, ..., Dieter Maison, J-Pierre Antoine,... Peter Aichelburg, Gerhard Schafer, P. Ruback, Don Page, E. Corrigan,... M. Umezawa,..., J. Kijowski, Michael Karowski, Karl Rehren ...

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

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





**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, Falvela, 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 laureats du prix Nobel de Physique en Cosmologie 2006-2012, et six medailles Chalonge, réunis sur la méridienne de Paris.**





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



