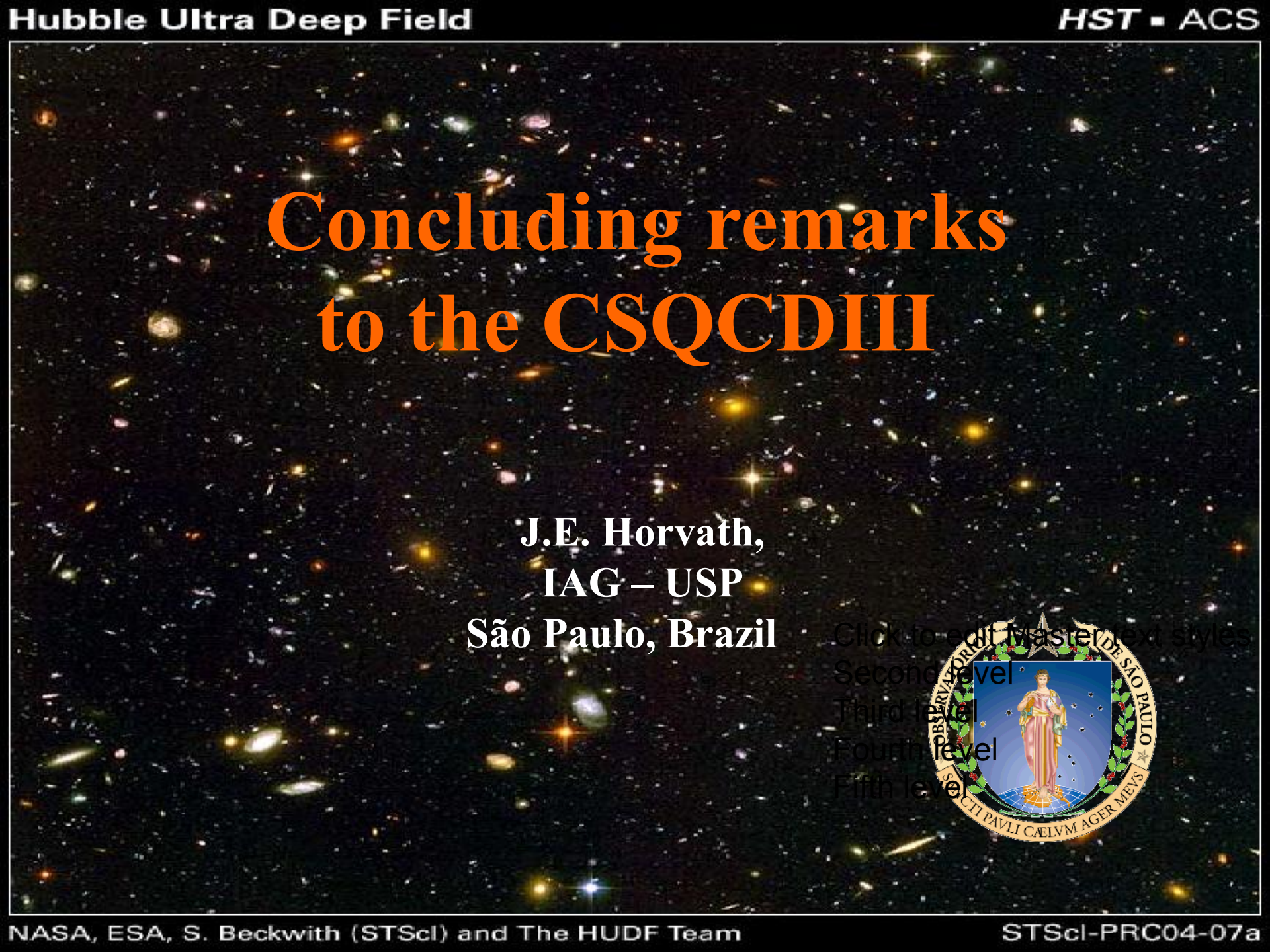
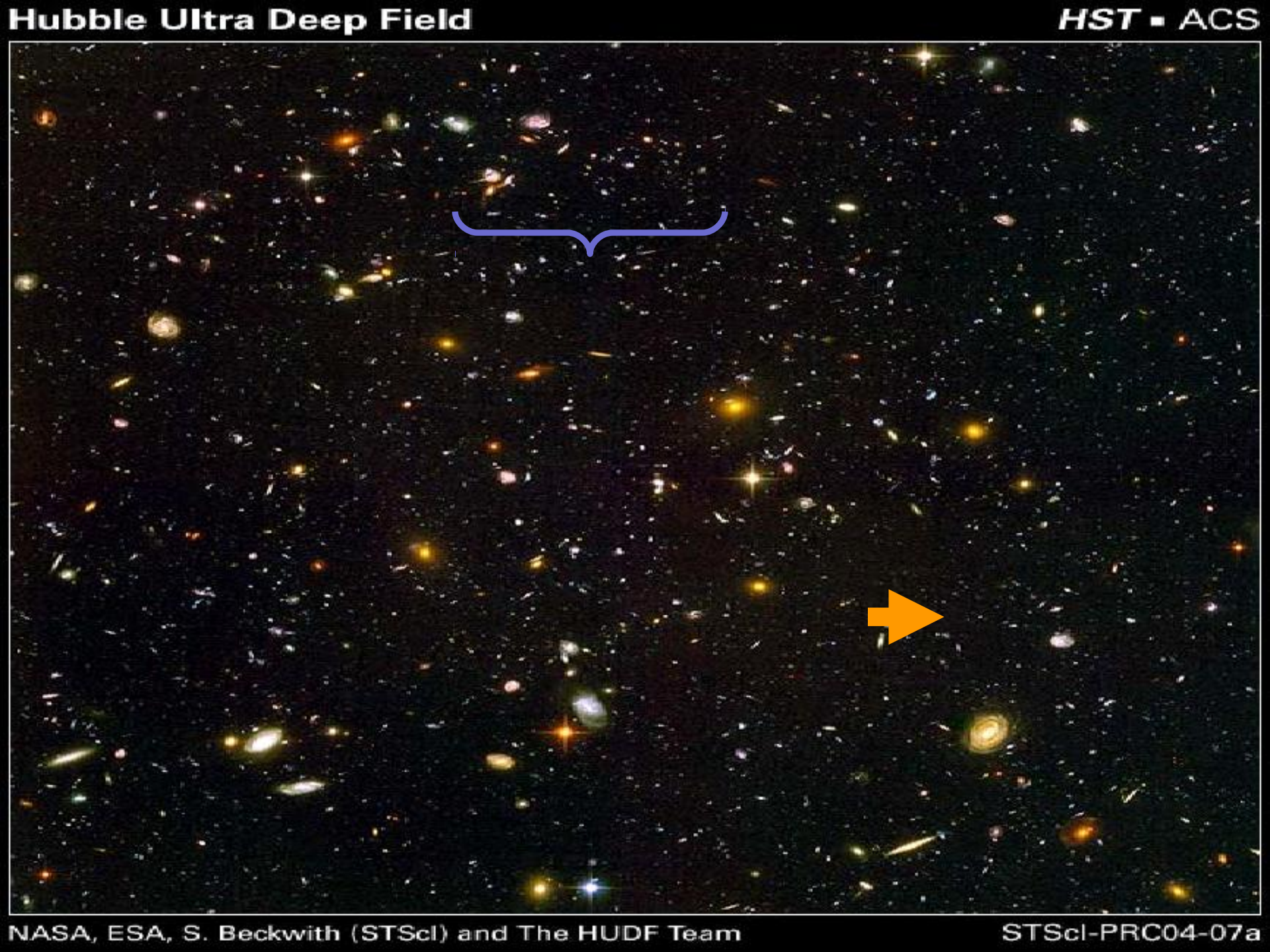


Concluding remarks to the CSQCDIII

J.E. Horvath,
IAG – USP
São Paulo, Brazil

Click to edit Master text styles
Second level
Third level
Fourth level
Fifth level


Hubble Ultra Deep Field
HST • ACS
NASA, ESA, S. Beckwith (STScI) and The HUDF Team
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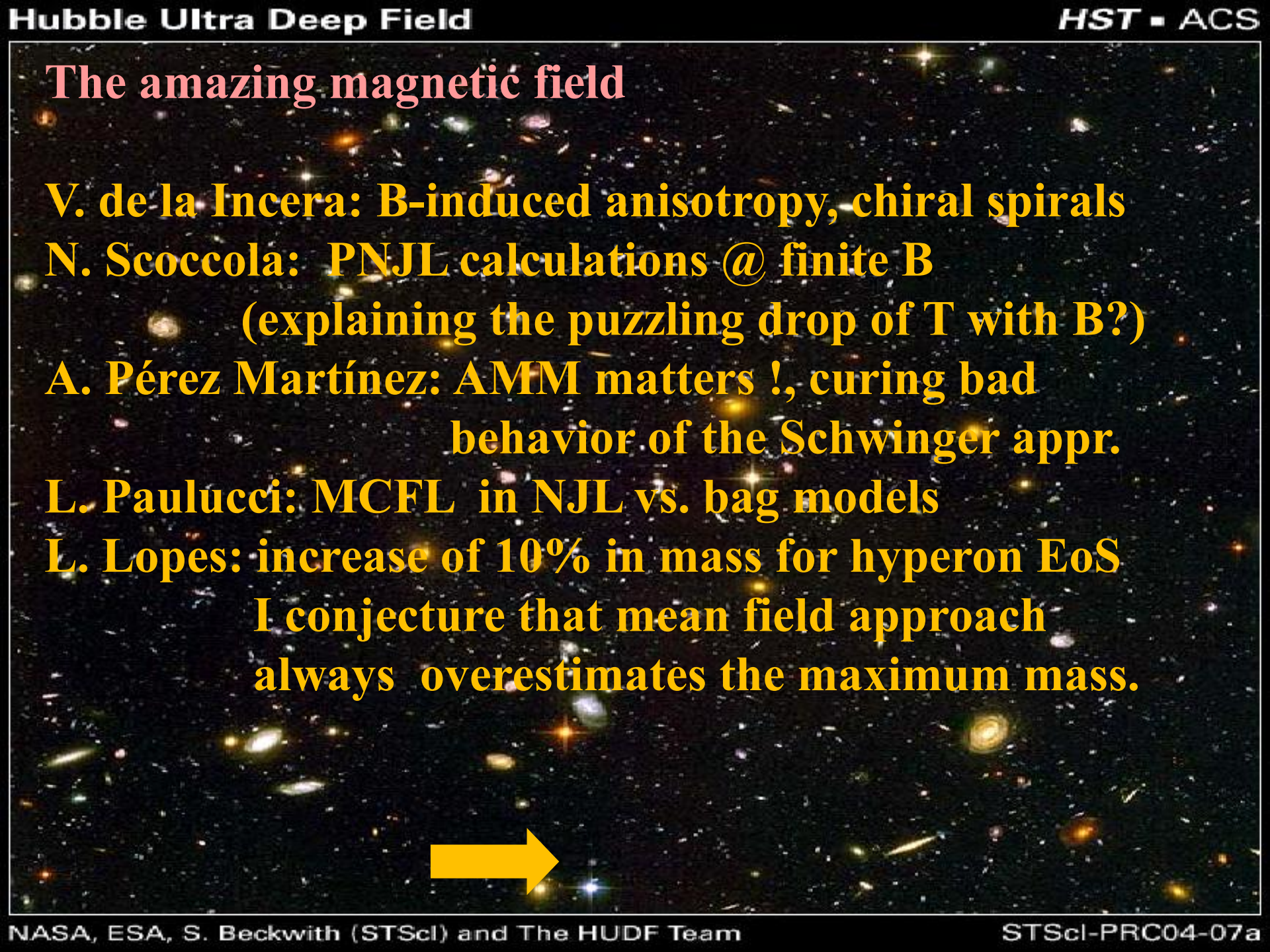
Hubble Ultra Deep Field
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The amazing magnetic field
V. de la Incera: B-induced anisotropy, chiral spirals
N. Scoccola: PNJL calculations @ finite B
(explaining the puzzling drop of T with B?)
A. Pérez Martínez: AMM matters !, curing bad
behavior of the Schwinger appr.
L. Paulucci: MCFL in NJL vs. bag models
L. Lopes: increase of 10% in mass for hyperon EoS
I conjecture that mean field approach
always overestimates the maximum mass.
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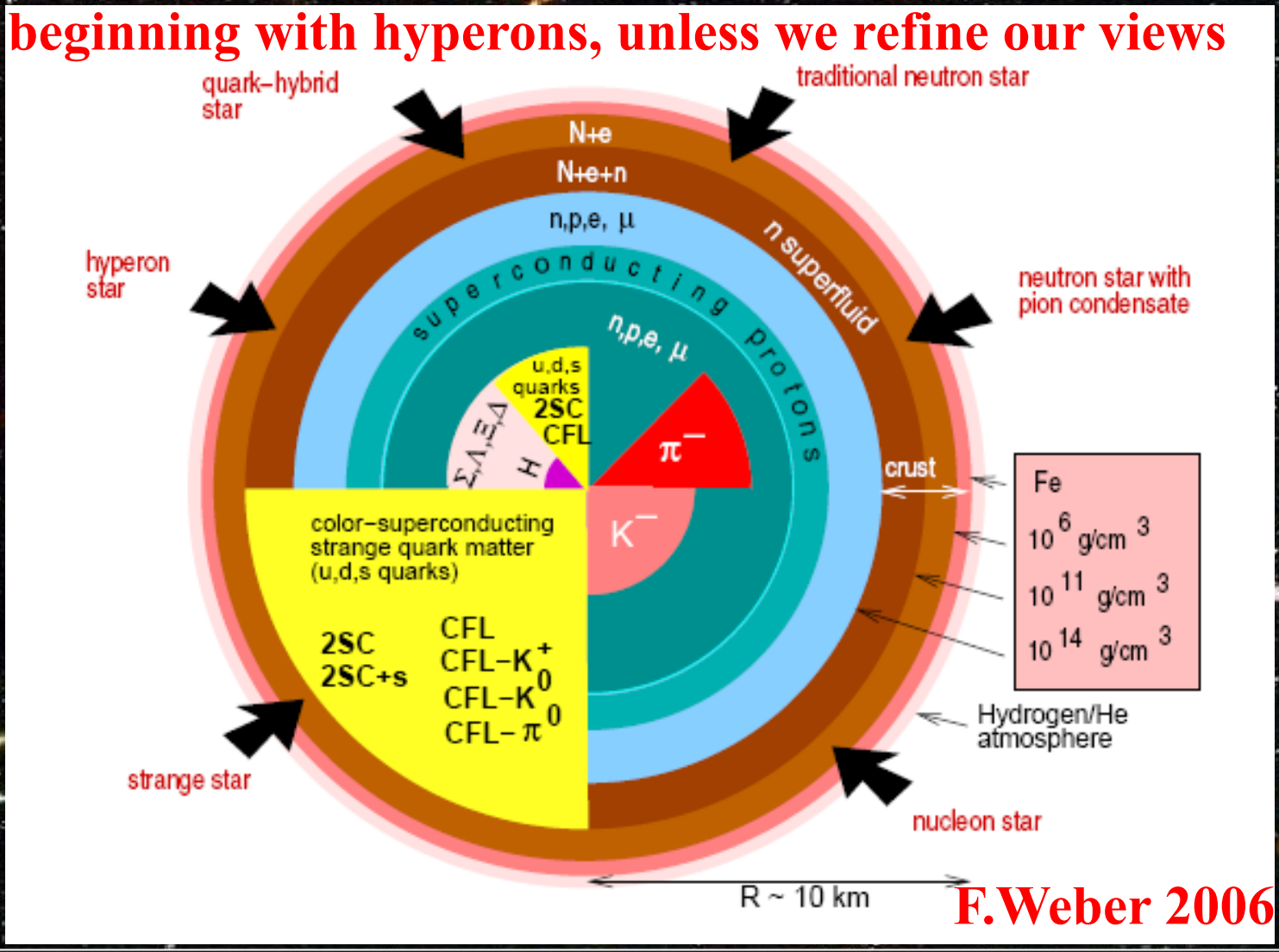
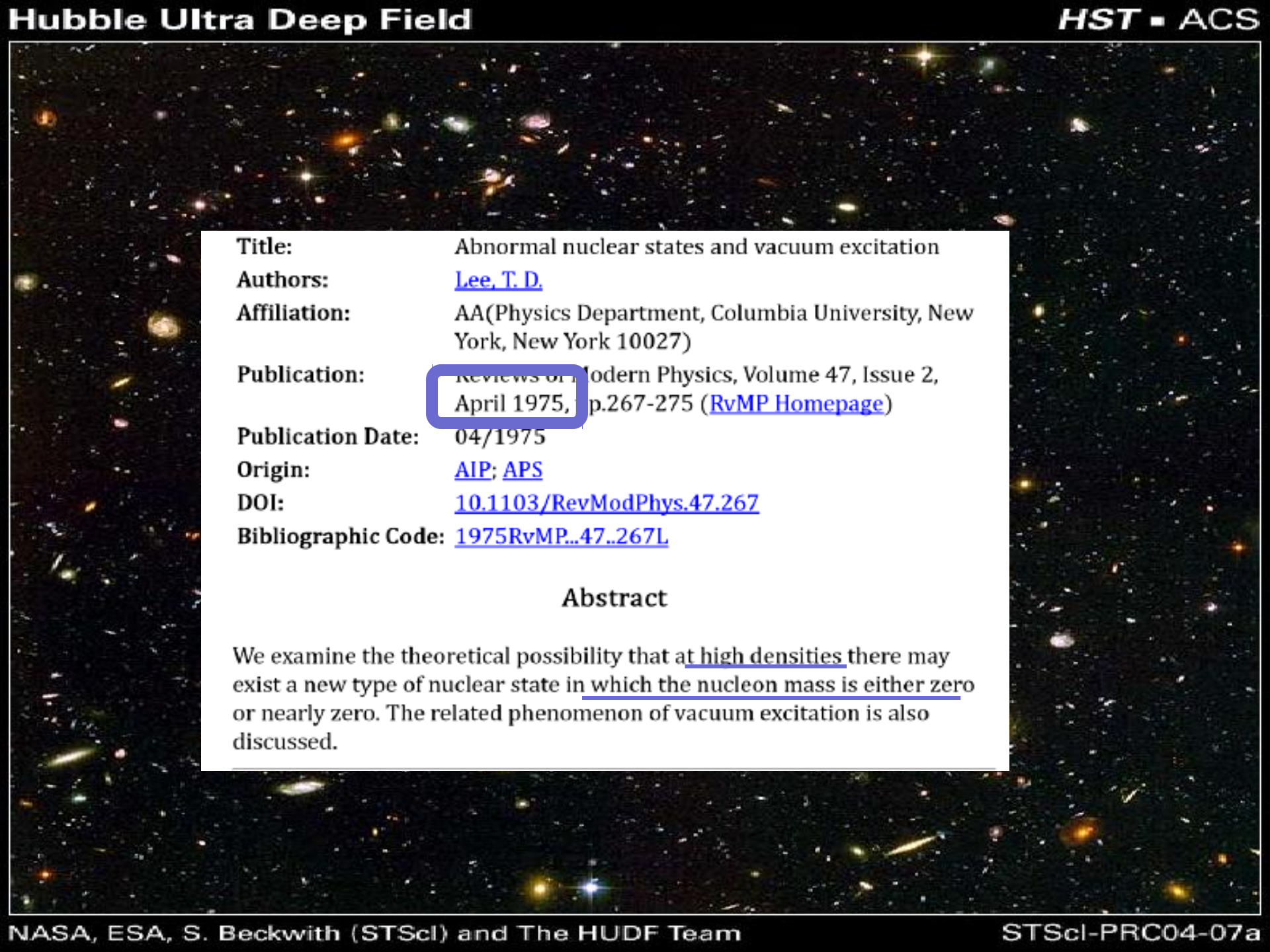
Still many exciting possibilities: but soft equations of state progressively less favored, and very soft ones excluded…

beginning with hyperons, unless we refine our views



F.Weber 2006



Title:	Abnormal nuclear states and vacuum excitation
Authors:	Lee, T. D.
Affiliation:	AA(Physics Department, Columbia University, New York, New York 10027)
Publication:	Reviews of Modern Physics, Volume 47, Issue 2, April 1975, pp.267-275 (RvMP Homepage)
Publication Date:	04/1975
Origin:	AIP; APS
DOI:	10.1103/RevModPhys.47.267
Bibliographic Code:	1975RvMP..47..267L

Abstract

We examine the theoretical possibility that at high densities there may exist a new type of nuclear state in which the nucleon mass is either zero or nearly zero. The related phenomenon of vacuum excitation is also discussed.


Hubble Ultra Deep Field
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E. Ferrer : diquarks
167 1992PhRvD..46.4754H 1.000 11/1992 A E R C U H
Horvath, J. E.;
de Freitas Pacheco, J. A.;
de Araújo, J. C. N.
Diquark abundance in stellar matter
Bailin & Love, Donghue, Trashen, ...Wilczek, Shuryak,...
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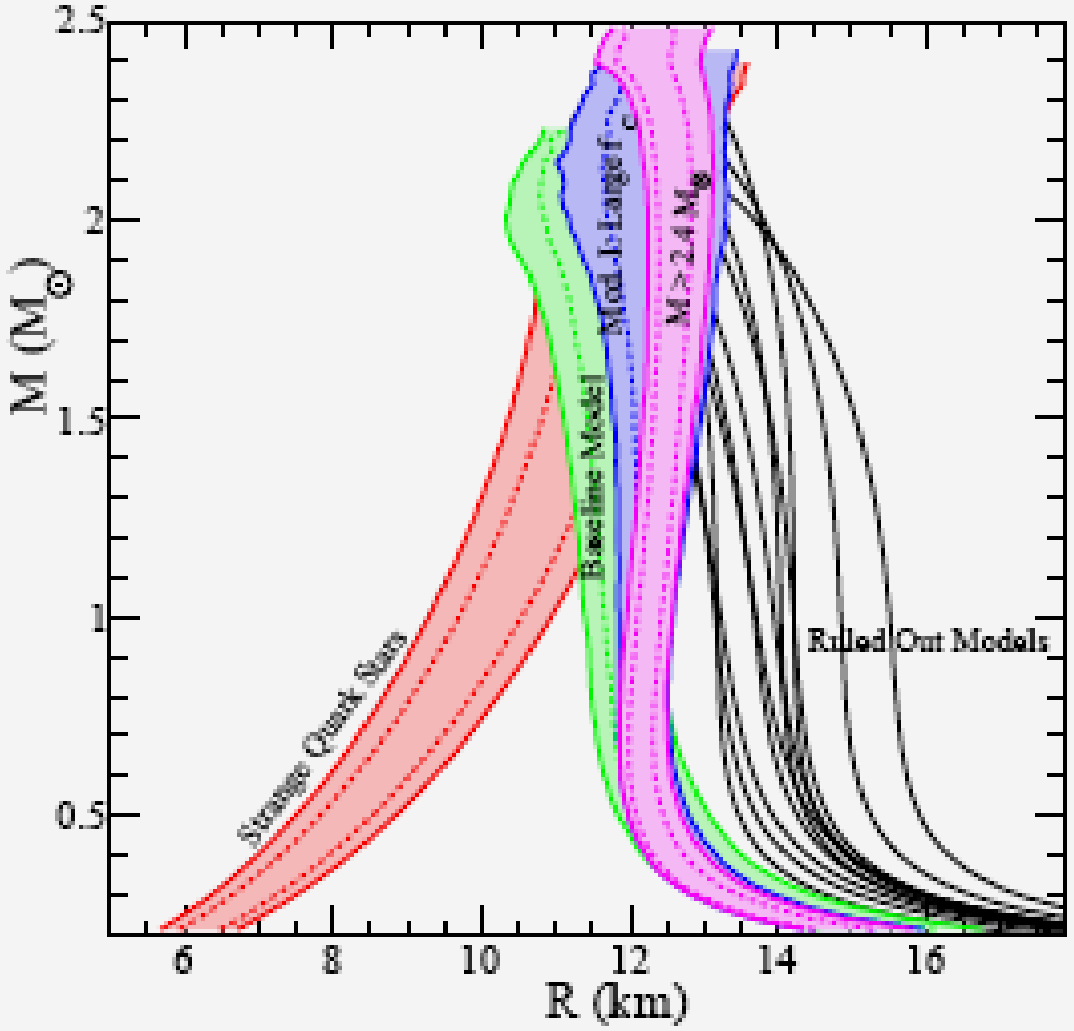
Hubble Ultra Deep Field HST ▪ ACS

Clustering & inhomegeneity

D. Blaschke: hadron

R-X. Xu: colorful d
evidence a

J. Wanbach: linking
stellar r



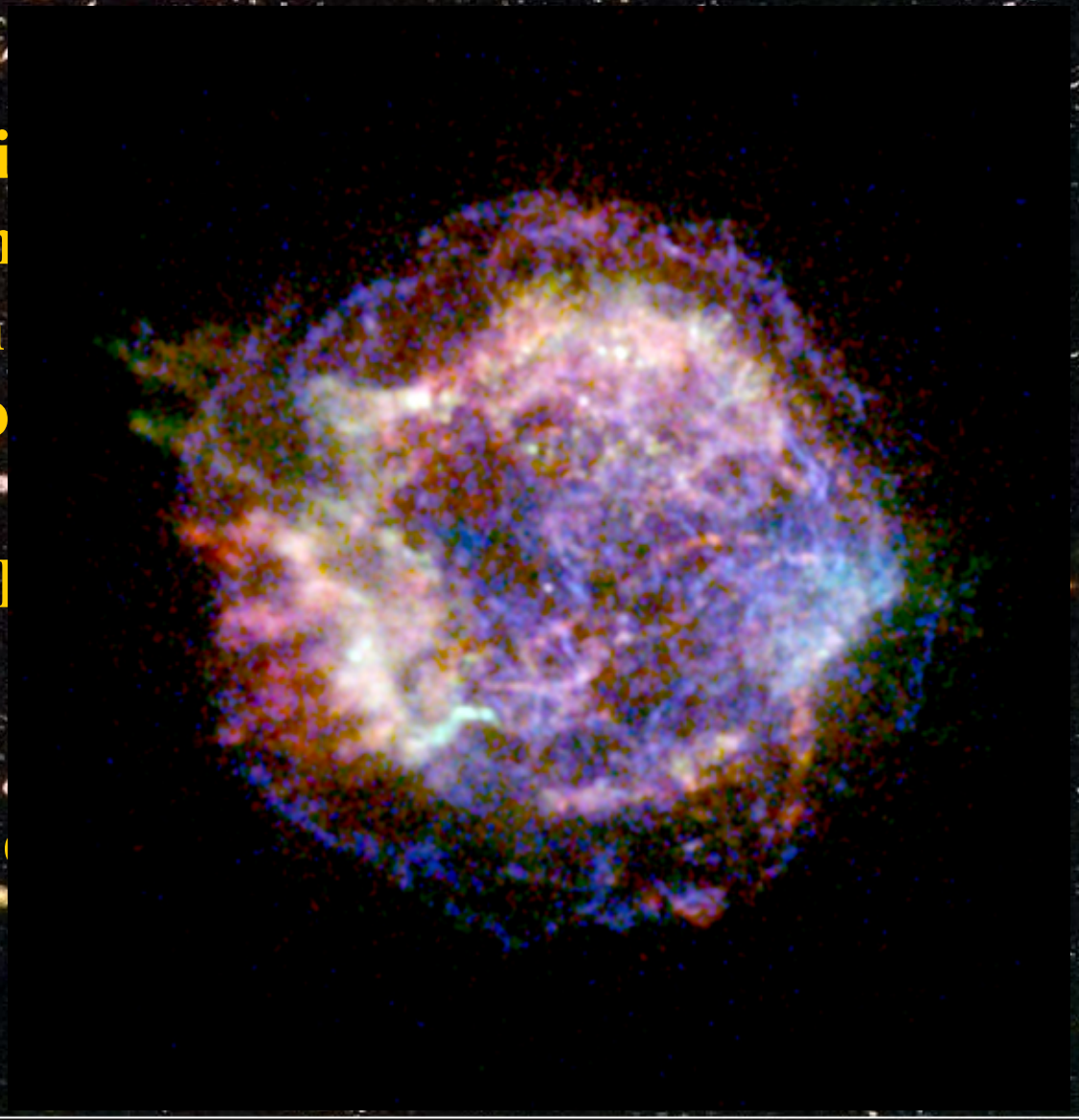
NASA, ESA, S. Beckwith (STScI)

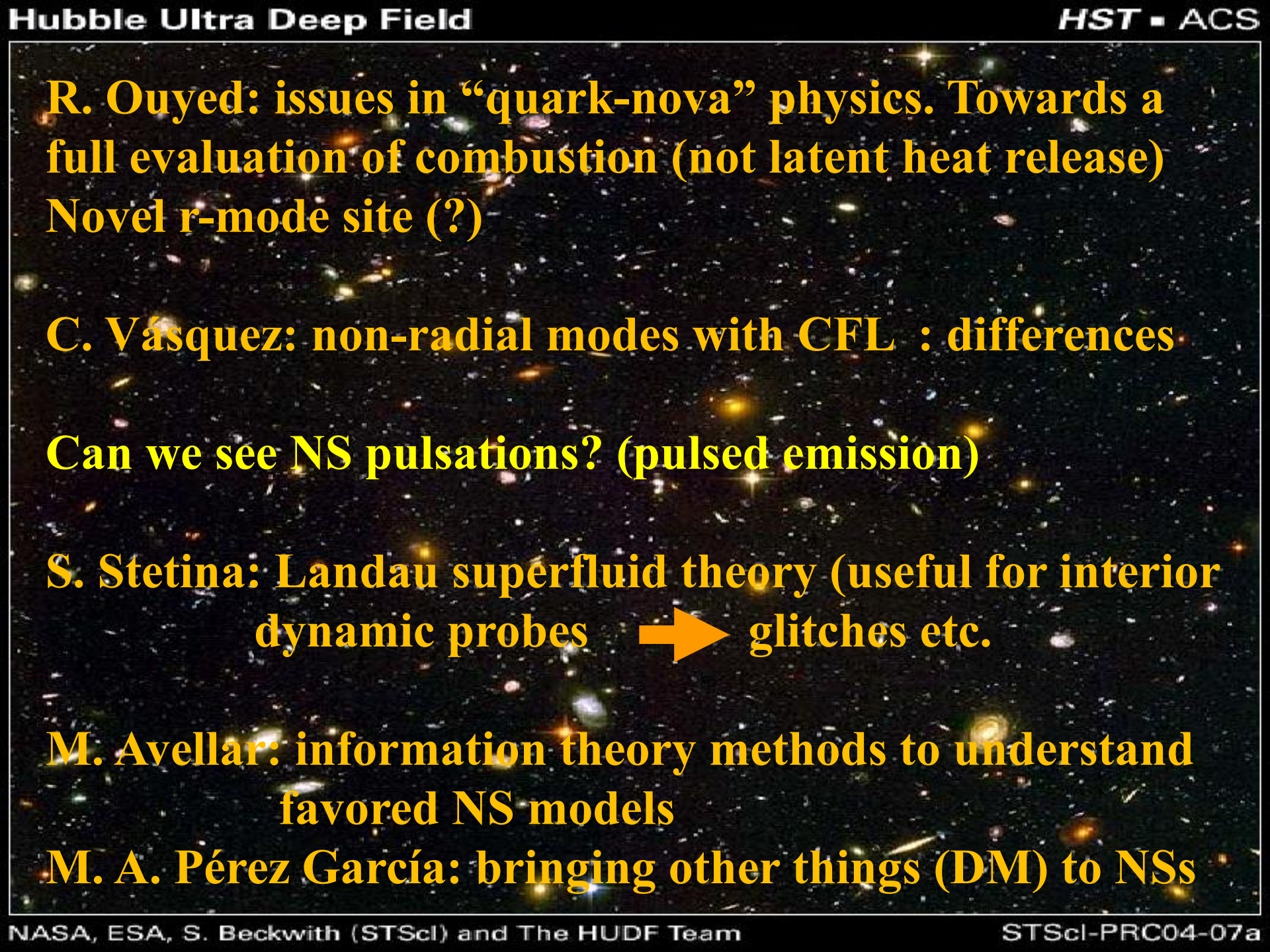
Astrophysics

- G. Cipolat
- O. Benvenuto: GR di
  leakin
- Deleptonization tim
- Towards a predictio

- R. Negreiros: therma
  rotation

- F. Weber: interplay b
  composition
  and cooling

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R. Ouyed: issues in "quark-nova" physics. Towards a full evaluation of combustion (not latent heat release)
Novel r-mode site (?)
C. Vásquez: non-radial modes with CFL : differences
Can we see NS pulsations? (pulsed emission)
S. Stetina: Landau superfluid theory (useful for interior dynamic probes → glitches etc.
M. Avellar: information theory methods to understand favored NS models
M. A. Pérez García: bringing other things (DM) to NSs
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Personally, I enjoyed very much the discussions
The LOC and the SOC worked a lot for CSQCDIII
On behalf of the organizing Committees, thank you for coming and contributing to the success of the Workshop
NASA, ESA, S. Beckwith (STScI) and The HUDF Team
STScI-PRC04-07a