

Why communicate?

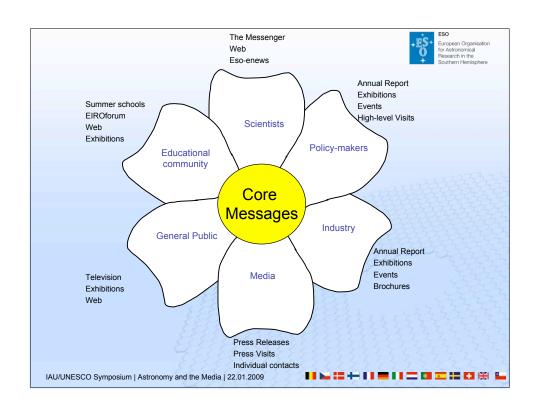


- Accountability to the public (tax payers) and policy-makers
- New projects!

The 1-2% spent on outreach is what will give us the 98% to build the telescope Prof. Gilmore, 2008

- · Local community (Chile) good relations
- · Astronomy among all other sciences
- Support government strategy on recruiting the next generation of scientists and engineers
- EU dimension

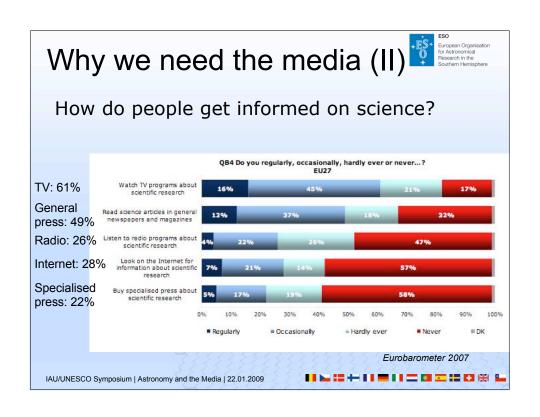


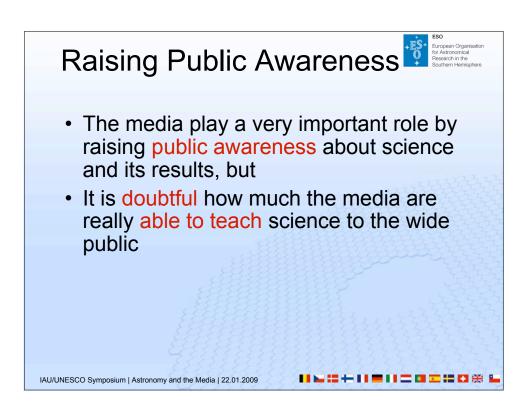


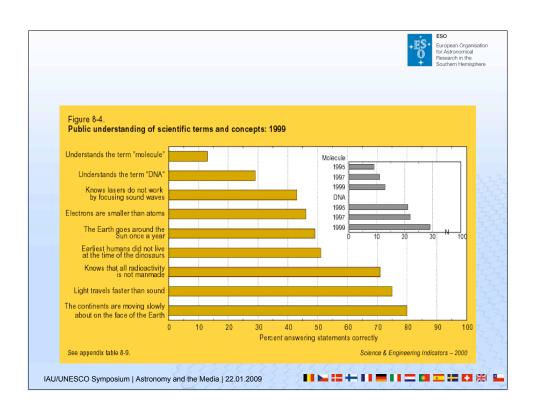
Why We Need the Media

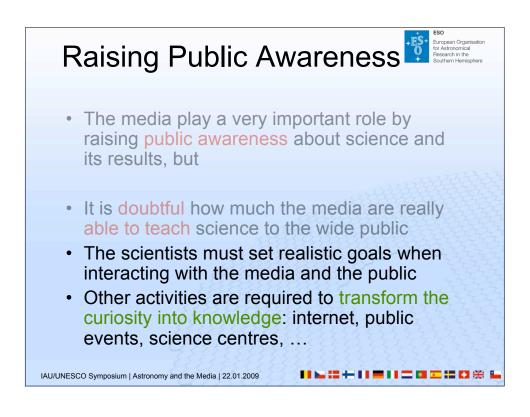


- With limited resources, we need amplifying outlets to reach a significant fraction of the targeted audience
- Impossible for us to prepare all types of desired communication (material) with different emphasis and levels of complexity
- We do not possess the means to provide the material in all the different languages needed
- Journalists know their public better than we could try to do!









Astronomy





- Nice images, wonderful superlative-loaded stories
- · Link with science fiction
- Everyone is born astronomer
- Plethora of astronomy magazine demonstrates interest of people
- · Huge community of amateur astronomers
- · Planetariums in most cities

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Astronomy in the media



A love affair? Yes at first sight

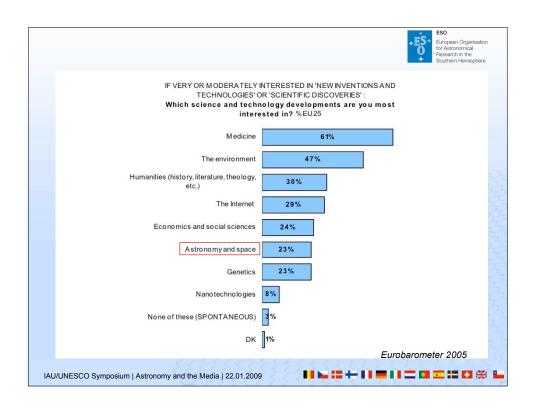
- New York Times online science section has two specific subsections: environment and space&cosmos!
- · New Scientist has specific Space section
- BBC Sky at Night: largest running television series (since 1957!)

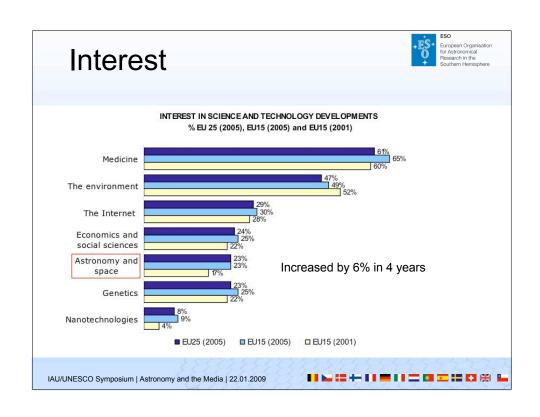


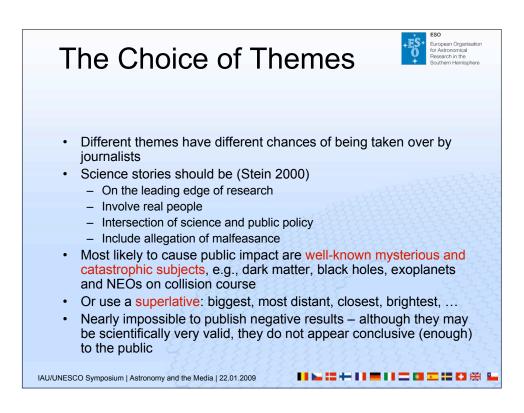




Time storie	S		for Astroi Research	
 Astronomy 	598 a	rticles	(179 long)	
 Astrology 	208		78	
 Archeology 	1031		236	
 Biology 	1503		568	
 Physics 	2290		730	
 Chemistry 	2240		802	
 Environment 	7764		3161	
Medicine	11814	20 times Astronomy!	3169	
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Titles in press releases



Some examples from astronomical press releases distributed by AAS in September and in November 2008

- Closest Look Ever at the Edge of A Black Hole
- Analysis Begins on Phoenix Lander's Deepest Soil Sample
- First Picture of Likely Planet Around Sun-Like Star
- · Most Dark Matter-Dominated Galaxy in Universe
- · The Deepest Ultraviolet Image of The Universe Yet
- · Gemini Releases Historic Discovery image of Planetary "First Family"
- · Gamma-Ray Burst was Aimed Squarely at Earth

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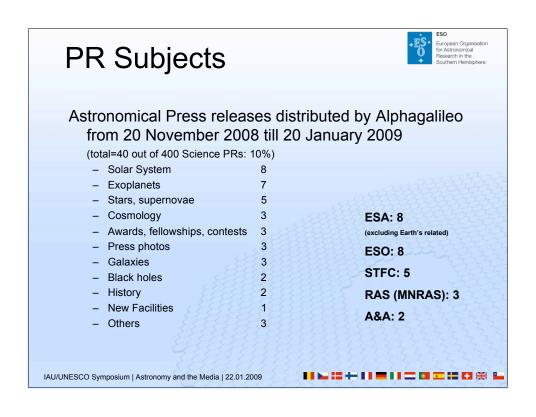


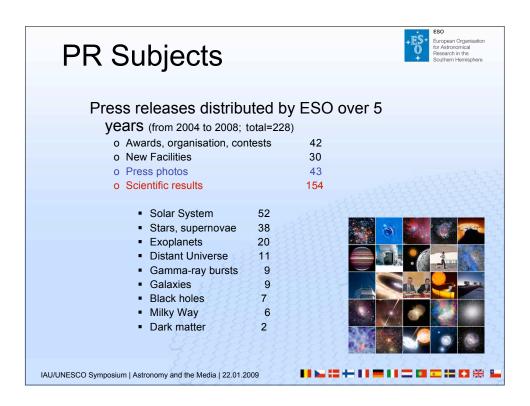
PR Subjects

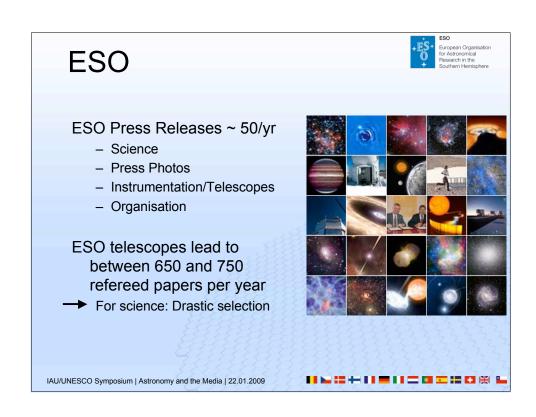


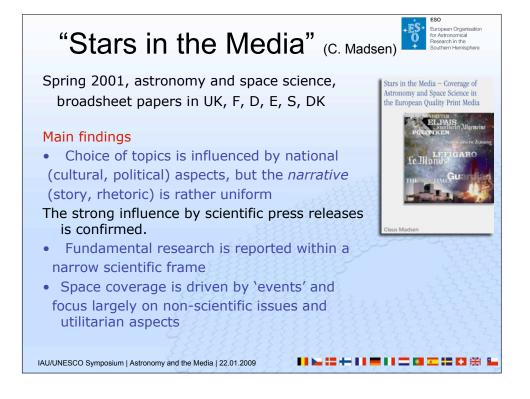
Astronomical Press releases distributed by AAS in Sentember and November 2008 (total=144)

111	september and Novemi	JEI	2000	(lolai=144)
_ :	Solar System	52		
_	New Facilities	15		
_	Exoplanets	12		
	Awards, fellowships, contests	10		
_ ;	Stars, supernovae	10		
_	Black holes	9		
_	Press photos	6	N/	ASA (or related): 61
	Galaxies	4	ES	SA: 17
_	Dark matter	2	S ES	SO: 15
_ (Cosmology	2		
80 P	Rs distributed on AAS list/month			









"Stars in the Media" (II)



Main findings

- In Germany, 67 % of articles describe US science (14 % German science)
- In Spain, 85 % of articles describe US science
- In Sweden, 71 % of articles describe US science
- In the UK, 8 % of articles describe US science, 77 % UK Science
- In France, 40% of articles describe F science, 25% US
- 'European science' is virtually absent

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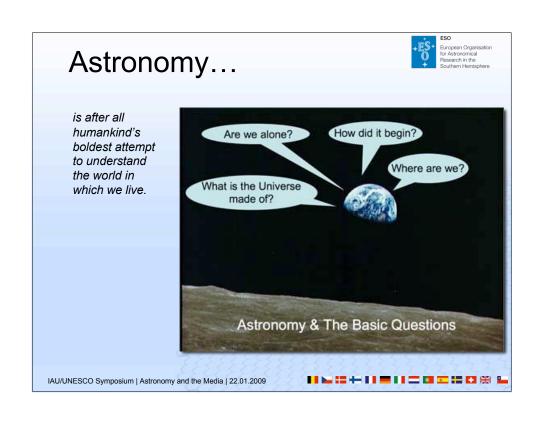
The Battle to Be Heard

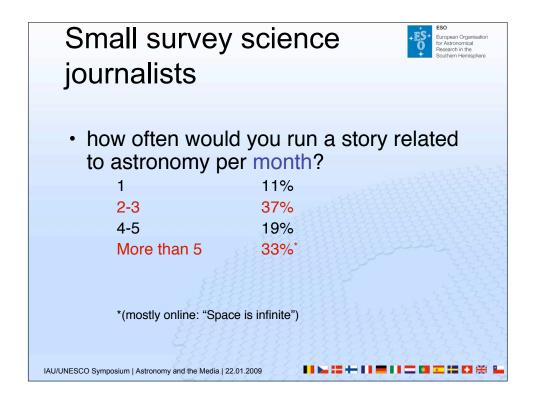


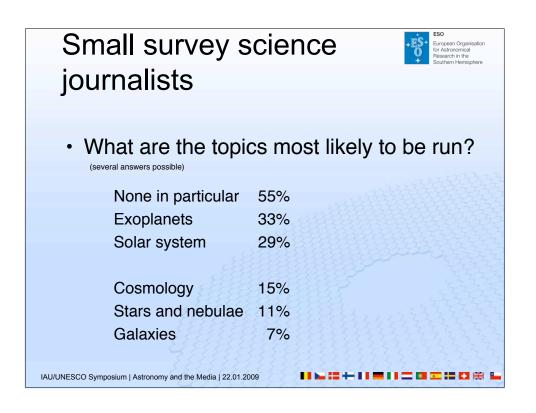
- Articles on astrophysics/space currently occupy approx.
 0.1% of leading European newspapers
- Astronomy and space research are divided ~50-50
- There is much more emphasis on health/environment
- Science is mostly presented in special sections that are accessed by a small audience
- More effort should be invested to show the role of fundamental research for societal development and general culture – this may also attract more interest

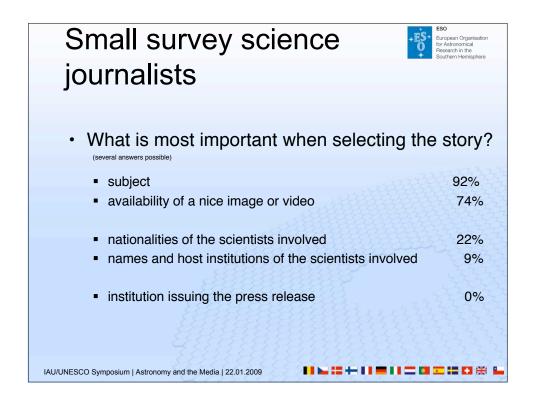
C. Madsen, 2001

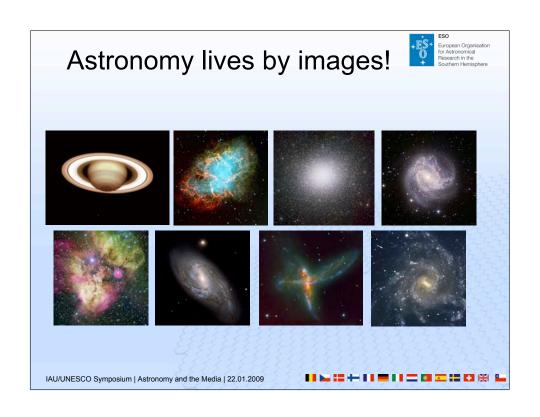


















Small survey science journalists



 Do you find it difficult to run an astronomical story past the chief editor?

> NO 80% YES 20%

"But we don't make it to the front page!"

"Astronomy is very favourably seen by Editor in Chief"

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Small survey science journalists



 Do you think astronomy has the place it deserves in the media?

YES 62% NO 38%

"Deserves more but won't get it"

"At least the breakthroughs are covered"

"Yes, compared to a lot of other science subjects"

"Sometimes I'd say that it is too much!"











