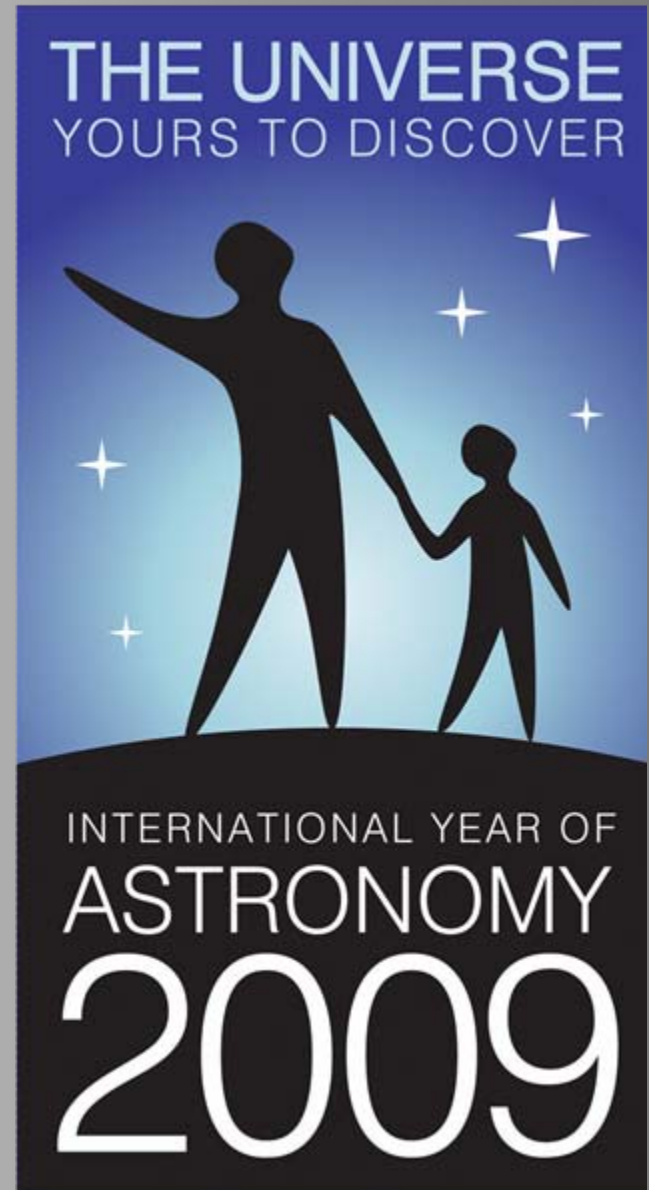


Our real-time adventures in Paris



What we wanted to do/actually did

- Real-time demo during opening ceremony of IYA, 15-16 January 2009 in Paris
 - 24 (33) hours real-time tracking of one (three) source(s)
 - 6 (5) - continent e-VLBI



Networks and telescopes used for IYA2009 24hr e-VLBI. Image by Paul Boven <boven@jive.nl>. Satellite image: Blue Marble Next Generation, courtesy of Nasa Visible Earth (visibleearth.nasa.gov).

The venue

- UNESCO building in Paris
- ~800 invitees
- Many dignitaries, Nobel prize winners, students

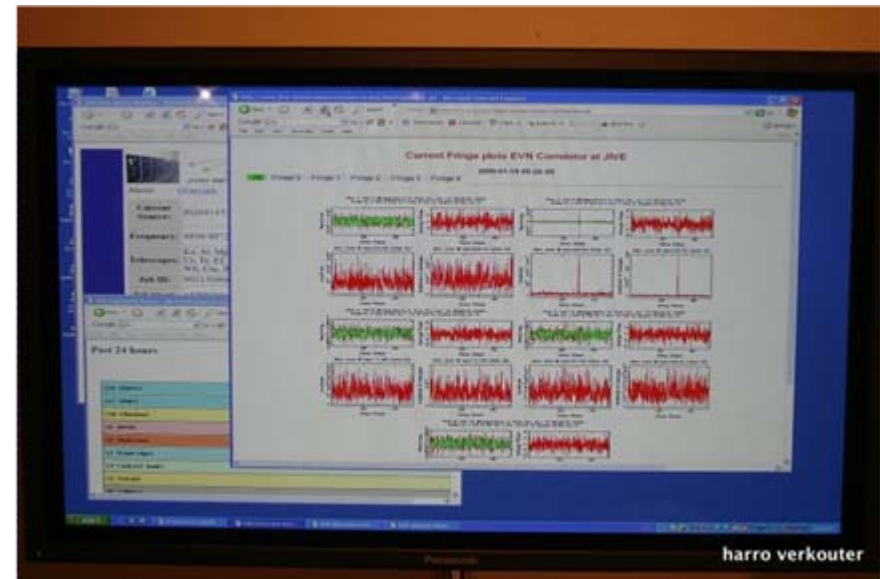
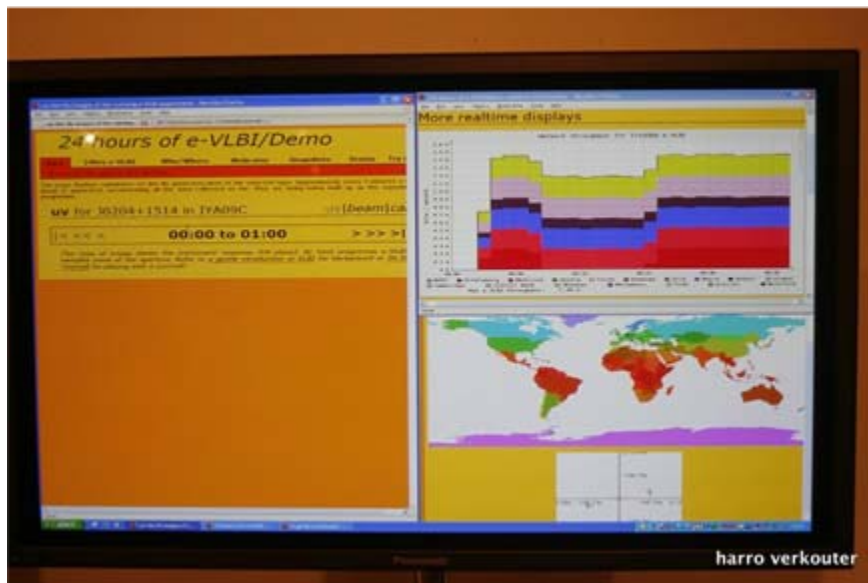
- Strong emphasis on educational outreach

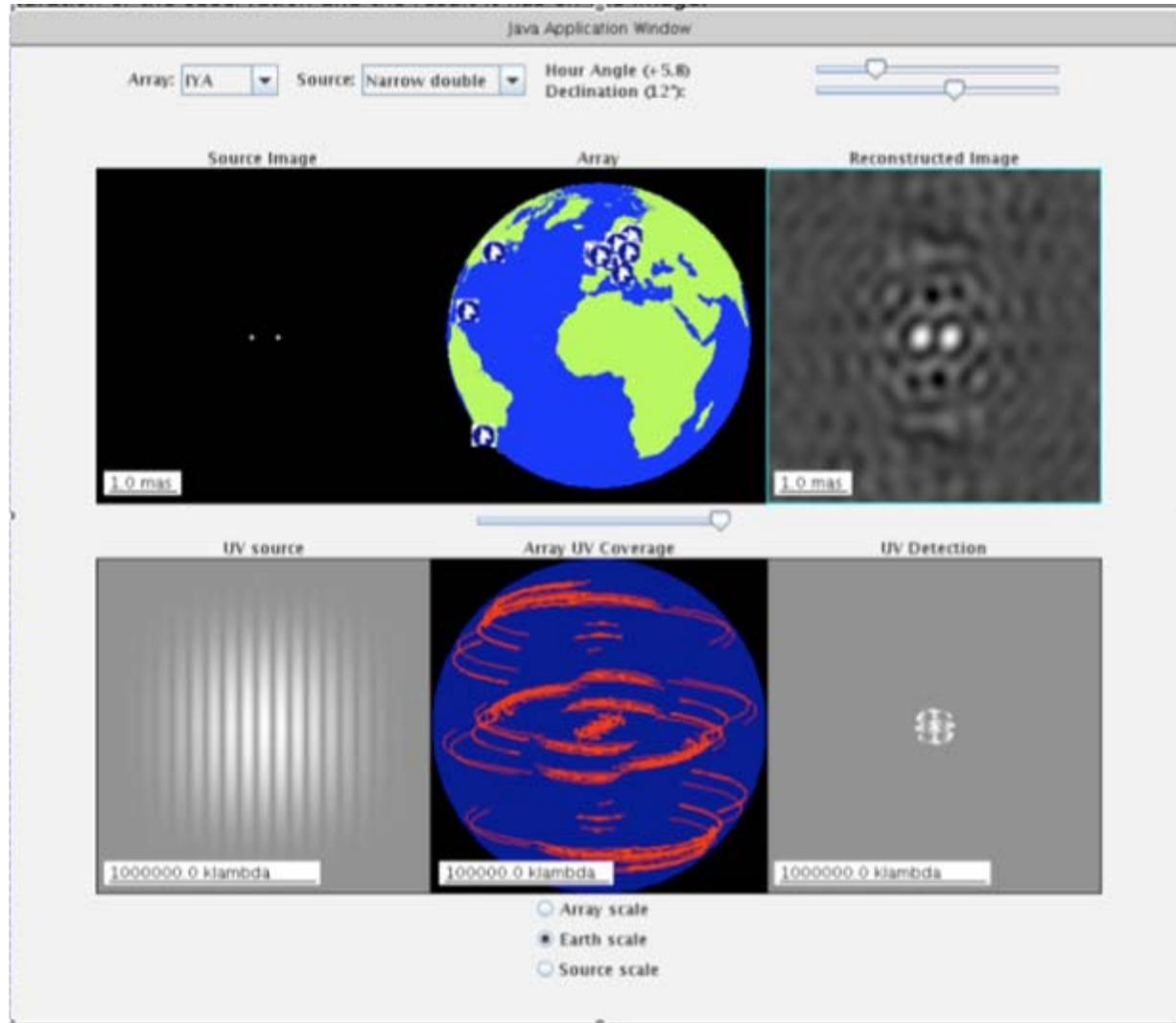
- Dominated by optical astronomy
 - Pretty pictures
 - Free pencils, posters, golf balls
 - Huge telescopes on pretty mountains

- But, our demo was by far the most hands-on

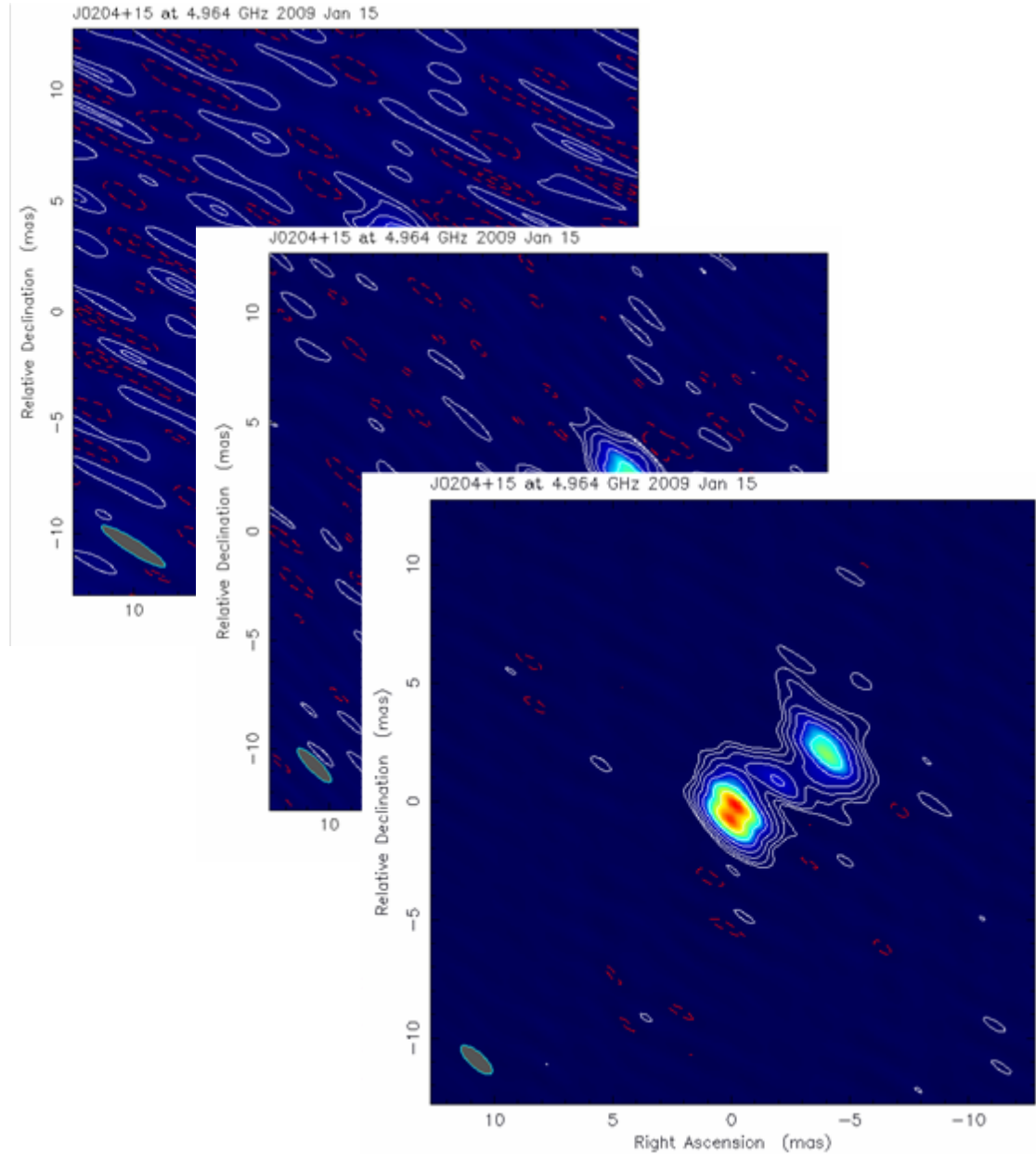
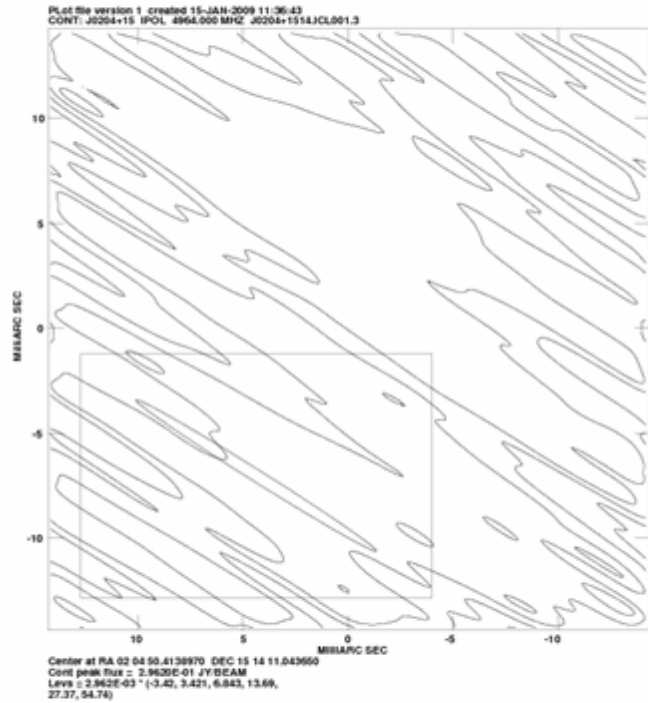
New tools

- Special IYA website
- On-the-fly UV-plane/dirty beam plotting
- Hourly automated Pypelined image
- Interactive VLBI demonstrator





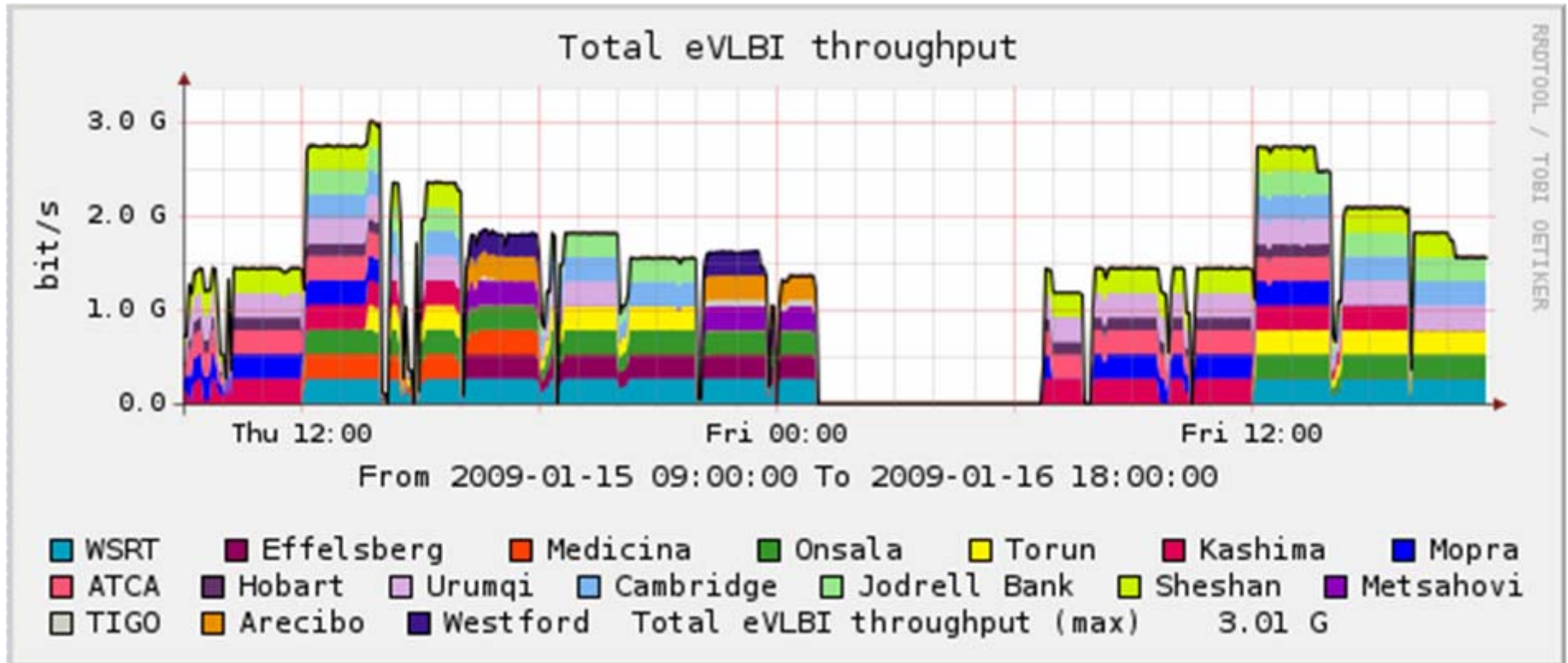
Real-time imaging



Endless optimism

- 17 telescopes (actually 18), 4 of which were new for us, 3 data acquisition systems, 5 continents, 2 frequencies
- What could possibly go wrong?
 - Hh bearing
 - Ef track
 - Tr power supply
 - Tc memory
 - Oz packet spacing
 - Ks bit assignment
 - Heroic efforts and long hours...

The result



Selling e-VLBI



Real fame



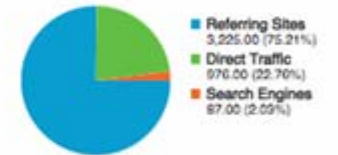
www.expres-eu.org Traffic Sources Overview

Jan 12, 2009 - Jan 18, 2009
Comparing to: Site



All traffic sources sent a total of 4,288 visits

- 22.76% Direct Traffic
- 75.21% Referring Sites
- 2.03% Search Engines



Top Traffic Sources

Sources	Visits	% visits	Keywords	Visits	% visits
astro.uni.torun.pl (referral)	1,215	28.33%	expres	26	29.89%
(direct) ([none])	976	22.76%	effelsberg fiber view.timeline	11	12.64%
universetoday.com (referral)	394	9.19%	finland e-vibi metsähovi	7	8.05%
science.compulenta.ru	315	7.35%	ya2009 evibi demo	7	8.05%
bgfactor.org (referral)	124	2.89%	www.expres-eu.org	7	8.05%

