



SOLAR DECATHLON

2007

Welcome STEAB



2007



[The Washington Post]

SEPTEMBER 27, 2002

Weekend

HERE COMES THE SUN

14 Teams Compete
In the First
Solar Decathlon
On the Mall | PAGE 34



2007



SOLAR DECATHLON

Solar Decathlon Accelerates R&D

- Largest housing experiment ever held
 - Side-by-side comparison of building technologies
- Testing and redesign
 - Iterative design process drives improvement



2002

Virginia Tech

2005





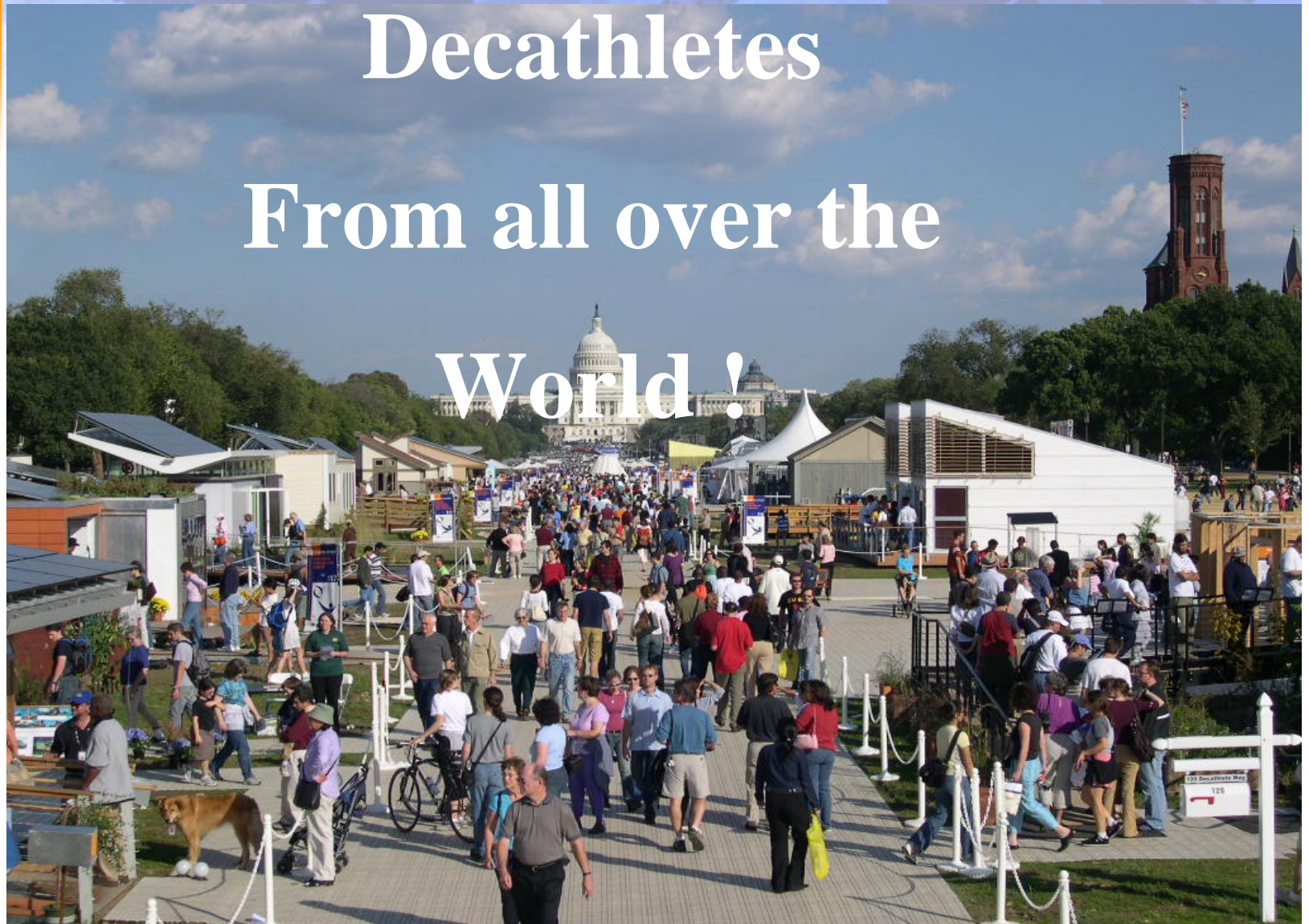
SOLAR DECATHLON

2007

Decathletes

From all over the

World!



bp



Together with NEXTEL



2007



SOLAR DECATHLON

Moving in



2007



SOLAR DECATHLON

Mega lifts



2007



SOLAR DECATHLON





2007



SOLAR DECATHLON

Solar Decathlon 2007 Schedule

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Sept 30	Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6
		Team Registration	Assembly Begins			
Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12	Oct 13
Rest Day	Assembly	Instrument Houses & Web Connect		Final Inspections ***** VIP & Media Tours VIP Reception	Opening Ceremony (10 AM) Scoring Begins	Judging
					Tours/Workshops	Tours/Workshops
Tours/Workshops	Tours/Workshops	Tours/Workshops	Tours/Workshops	Tours/Workshops	Tours/Workshops	Tours/Workshops
Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20
Judging	Performance Testing Begins		24-hr Performance Testing (no tours)	Building Industry Day	Scoring Ends 1 PM Awards Ceremony 2 PM	Tours and Workshops Awards Reception PM
Oct 21	Oct 22	Oct 23	Oct 24			
	Disassembly			Tour Hours: 11 a.m – 3 p.m. Weekdays 10 a.m. – 5 p.m. Weekends		



The 10 Decathlon Contests

- | | | |
|-----|------------------|---------|
| 1. | Architecture | 200 pts |
| 2. | Engineering | 150 pts |
| 3. | Market Viability | 150 pts |
| 4. | Communications | 100 pts |
| 5. | Comfort Zone | 100 pts |
| 6. | Appliances | 100 pts |
| 7. | Hot Water | 100 pts |
| 8. | Lighting | 100 pts |
| 9. | Energy Balance | 100 pts |
| 10. | Getting Around | 100 pts |

2007



SOLAR DECATHLON

Friday, October 19

11:00 AM

All scoring and judging completed

2:00 PM

Awards Ceremony

Engineering points awarded (1st, 2nd, 3rd)

Winner Overall Announced (1st, 2nd, 3rd)



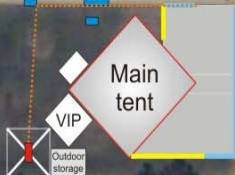
American History Museum

Natural History Museum



Madison Drive

Instrumentation HQ



Gateway



Jefferson Drive

Smithsonian "Castle"

and Portable Flooring
 Ramps
 Fencing

Dept of Agriculture

Solar Decathlon 2007 - version A
 National Mall, Washington, DC
 September 20 - October 10, 2007
 map date: 6/20/06

2007



SOLAR DECATHLON

LTU MTL PSU GT COL UMR UMD UT UPR SCU

119	117	115	113	111	109	107	105	103	101
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DECATHLETE WAY

120	118	116	114	112	110	108	106	104	102
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NYIT UIUC MIT CMU TUD KSU COR-
NELL CINCY TA&M UPM

2007



ADT
SOLAR DECATHLON

119	117	115	113	111	N	109	107	105	103	101
120	118	116	114	112	↑	110	108	106	104	102

Technische Universität Darmstadt



2007



SOLAR DECATHLON



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