

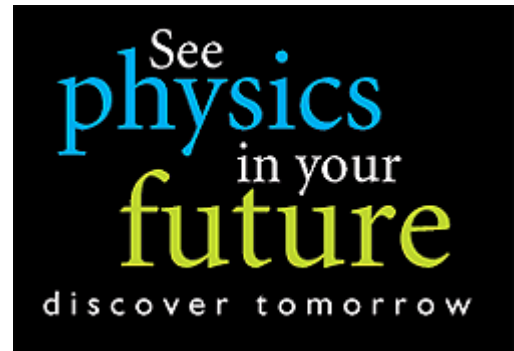
# Undergraduate Epitome

## What is an Epitome?

[American Heritage Dictionary](#) -

epit•o•me   (ĭ-pĭt'ə-mē) n.

1. A representative or perfect example of a class or type: *"He is seen . . . as the epitome of the hawkish, right-of-center intellectual"* (Paul Kennedy).
2. A brief summary, as of a book or article; an abstract.



At the American Physical Society meetings, the Epitome the brief summary of what is happening at the meeting. It allows us to quickly look at which sessions are taking place at any given time and where those sessions are being held. In electronic form, the sessions will have links to the detailed abstracts for every session, allowing you to identify which talks you may want to attend in that session. In the paper version, you will need to search through the Bulletin of the American Physical Society (BAPS) book which you receive at the registration desk.

The meeting is organized into Plenary Sessions and parallel sessions. The Plenary sessions are scheduled as the only events taking place at the time of interest and the speakers design presentations for audiences that, while likely to be physicists, may not be experts in the field of the presenter. These talks are typically 36 minutes in length. The parallel sessions are scheduled such that several presentations are occurring simultaneously in different meeting rooms. The talks in all rooms are scheduled in 12 minute increments so that the audience can move between sessions pretty easily. By reviewing the BAPS, you can identify which talks in which sessions are of most interest and move throughout the rooms during the sessions. Speakers are used to audience members quietly moving in and out of the room (though most people try to move during the question and answer sessions at the end of the talks).

The Undergraduate Epitome, like the regular epitome, is a brief listing of sessions at the APS meeting. However, in this version, we have indicated sessions which are most likely to be aimed at audiences that are not experts in any specific physics discipline. These sessions were identified with the assistance of the session organizers. We hope you enjoy the meeting!

# Undergraduate Epitome

| <b>Saturday, April 12, 2008</b> |             |                    |   |
|---------------------------------|-------------|--------------------|---|
| 8:30 a.m.                       | Session A1  | St. Louis DE       | <a href="#">Plenary Session I</a>   |
| 10:45 a.m.                      | Session B4  | Promenade B        | <a href="#">How to Communicate Physics to the General Public using Books &amp; Articles</a> |
|                                 | Session B6  | Promenade D        | <a href="#">Triumphs of 20th Century Astrophysics I: Observatories &amp; Telescopes</a>     |
| 1:30 p.m.                       | Session D5  | Promenade C        | <a href="#">Triumphs of 20th Century Astrophysics II: We Master the Stars</a>               |
|                                 | Session D6  | Promenade D        | <a href="#">Panel Discussion: International Gender Issues in Physics</a>                    |
|                                 | Session D7  | Rose Garden        | <a href="#">Physics Demonstrations and Strategies for Teaching and Public Outreach</a>      |
| 3:30 p.m.                       | Session E4  | Promenade B        | <a href="#">Non-traditional Careers for Physicists</a>                                      |
|                                 | Session E15 | St. Louis H        | <a href="#">Manhattan Project and Beyond</a>  |
| 5:00 p.m.                       | Session F1  | Fourth Floor Lobby | Welcome Reception/Poster Session  |
| 7:00 p.m.                       | Session G1  | St. Louis D        | <a href="#">APS Energy Efficiency Study</a>   |

| <b>Sunday, April 13, 2008</b> |             |                   |   |
|-------------------------------|-------------|-------------------|---|
| 8:30 a.m.                     | Session H4  | Promenade B       | <a href="#">Undergraduate Education in Nuclear Physics</a>                                    |
|                               | Session H6  | Promenade D       | <a href="#">Impact of Major Accelerator Projects on the Development of Emergent Countries</a> |
| 10:45 a.m.                    | Session J3  | St. Louis E       | <a href="#">Los Alamos and the Manhattan Project: 65th Anniversary</a>                        |
|                               | Session J5  | Promenade C       | <a href="#">The U.S. Particle Accelerator School</a>  |
|                               | Session J7  | Rose Garden       | <a href="#">Recent Highlights in Hadronic Physics</a>   |
|                               | Session J16 | Director's Row 29 | <a href="#">Physics Education I</a>   |
| 1:30 p.m.                     | Session L4  | Promenade B       | <a href="#">Why We Should Double the Number of Undergraduate Degrees in Physics</a>           |
|                               | Session L6  | Promenade D       | <a href="#">Nuclear Forensics</a>   |
| 3:30 p.m.                     | Session M4  | Promenade B       | <a href="#">Computational Physics Education</a>   |
|                               | Session M6  | Promenade D       | <a href="#">Equipping Scientists to Run for Political Office</a>                              |
| 5:00 p.m.                     | Session N1  | Promenade C       | <a href="#">APS Awards Presentations, Past-President's Address and Lilienfeld Prize Talk</a>  |

# Undergraduate Epitome

| <b>Monday, April 14, 2008</b> |             |                    |   |
|-------------------------------|-------------|--------------------|---|
| 8:30 a.m.                     | Session Q1  | St. Lous DE        | <a href="#">Plenary Session II</a>  |
| 10:45 a.m.                    | Session R4  | Promenade B        | <a href="#">Building a Successful Career: Perseverance, Funding &amp; Climate</a> |
|                               | Session R6  | Promenade D        | <a href="#">80 Years of Quantum Mechanics: A New International Project</a>        |
|                               |             | Rose Garden        | <a href="#">Future Physicist Plenary</a>  |
| 12:30 p.m.                    |             | Rose Garden        | <a href="#">Future Physicist Lunch (ticket required)</a>                          |
| 1:30 p.m.                     | Session S3  | St. Louis E        | <a href="#">DNP Dissertation Awards</a>   |
|                               | Session S6  | Promenade D        | <a href="#">FPS/FHP Awards Session</a>  |
|                               | Session S16 | Director's Row 29  | <a href="#">The Place of the Advanced Laboratory in Undergraduate Education</a>   |
| 2:06 p.m.                     | Session S18 | Director's Row 46  | <a href="#">Undergraduate Session I</a>   |
|                               | Session S19 | Director's Row 47  | <a href="#">Undergraduate Session II</a>  |
|                               | Session S20 | Director's Row 48  | <a href="#">Undergraduate Session III</a>   |
| 3:30 p.m.                     | Session S1  | Fourth Floor Lobby | <a href="#">Undergraduate poster session</a>                                      |
|                               | Session T2  | St. Louis D        | <a href="#">Wilson Prize</a>  |
|                               | Session T7  | Rose Garden        | <a href="#">Excellence in Physics Education Award Session</a>                     |
|                               | Session T9  | Promenade F        | <a href="#">History of Physics</a>  |
| 5:30 p.m.                     |             |                    | <a href="#">Future Physicists Award Ceremony</a>                                  |

| <b>Tuesday, April 15, 2008</b> |             |                   |  |
|--------------------------------|-------------|-------------------|--|
| 8:30 a.m.                      | Session V1  | St. Lous DE       | <a href="#">Plenary Session III</a>                                    |
| 10:45 a.m.                     | Session W14 | St. Louis G       | <a href="#">Applications of Nuclear Physics and Nuclear Techniques</a> |
|                                | Session W16 | Director's Row 29 | <a href="#">Physics Education II</a>                                   |
| 1:30 p.m.                      | Session X6  | Promenade D       | <a href="#">Space Debris</a>   |
|                                |             |                   |  |