

108TH CONGRESS
2D SESSION

H. CON. RES. 301

IN THE SENATE OF THE UNITED STATES

JULY 8, 2004

Received

SEPTEMBER 7, 2004

Referred to the Committee on Commerce, Science, and Transportation

CONCURRENT RESOLUTION

Supporting the goals and ideals of the World Year of Physics

Whereas throughout history physics has contributed to knowledge, civilization, and culture around the world;

Whereas physics research has been and continues to be a driving force for scientific, technological, and economic development;

Whereas many emerging fields in science and technology, such as nanoscience, information technology, and

biotechnology, are substantially based on and derive many of their tools from fundamental discoveries in physics and applications thereof;

Whereas physics will continue to play a vital role in addressing many 21st-century challenges related to sustainable development, including environmental conservation, clean sources of energy, public health, and security;

Whereas Albert Einstein is a widely recognized scientific figure who contributed enormously to the development of physics, beginning in 1905 with his groundbreaking papers on the photoelectric effect, the size of molecules, Brownian motion, and the theory of relativity that led to his most famous equation, $E = mc^2$;

Whereas 2005 will be the 100th anniversary of those important scientific achievements; and

Whereas the General Assembly of the International Union of Pure and Applied Physics unanimously approved the proposition designating 2005 as the World Year of Physics: Now, therefore, be it

1 *Resolved by the House of Representatives (the Senate*
2 *concurring)*, That the Congress—

3 (1) supports the goals and ideals of the World
4 Year of Physics, as designated by the General As-
5 sembly of the International Union of Pure and Ap-
6 plied Physics;

7 (2) encourages the American people to observe
8 the World Year of Physics as a special occasion for

1 giving impetus to education and research in physics
2 as well as to the public's understanding of physics;

3 (3) encourages all science-related government
4 agencies and nongovernmental organizations, the
5 private sector, and the media to highlight and give
6 enhanced recognition to the role of physics in social,
7 cultural, and economic development as well as its
8 positive impact and contributions to society; and

9 (4) encourages all those involved in physics edu-
10 cation and research to take additional steps, includ-
11 ing strengthening existing and emerging fields of
12 physics research and promoting the public's under-
13 standing of physics, to ensure that support for phys-
14 ics continues and that physics studies at all levels
15 continue to attract an adequate number of students.

Passed the House of Representatives July 7, 2004.

Attest:

JEFF TRANDAHL,

Clerk.