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HOUSE RESOLUTION

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WHEREAS, Located just outside Batavia, the Fermi National Accelerator Laboratory ("Fermilab") is a United States Department of Energy National Laboratory, specializing in high energy particle physics; and

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WHEREAS, Fermilab was founded in 1967 as the National Accelerator Laboratory; and

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WHEREAS, Fermilab was renamed in 1974, in honor of Enrico Fermi, an Italian physicist who created the world's first nuclear reactor, the Chicago Pile-1, often called the "architect of the nuclear age" and the "architect of the atomic bomb"; and

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WHEREAS, Fermilab has been the premier particles laboratory in the United States, whose work on the world's most advanced particle accelerators enables them to dig down to the smallest building blocks of matter; and

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WHEREAS, The vision of Fermilab is to solve the mysteries of matter, energy, space, and time for the benefit of all, striving to lead the world in neutrino science with particle accelerators, lead the nation in the development of particle colliders and their use for scientific discovery, and advance

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1 particle physics through measurements of the cosmos; and

2 WHEREAS, The mission of Fermilab is to drive discovery by
3 building and operating world-leading accelerator and detector
4 facilities, performing pioneering research with national and
5 global partners, and developing new technologies for science
6 that support U.S. industrial competitiveness; and

7 WHEREAS, The first director of the laboratory was Robert
8 Rathbun Wilson, under whom the laboratory opened ahead of time
9 and under budget; and

10 WHEREAS, Since Rathbun Wilson, there have been five other
11 directors: Leon M. Lederman, John Peoples, Michael S.
12 Witherell, Piermaria Oddone, and currently, Nigel Lockyer; and

13 WHEREAS, Since 2007, Fermilab has been operated by the
14 Fermi Research Alliance, a joint venture of the University of
15 Chicago and the Universities Research Association, which is
16 composed of 89 research universities; and

17 WHEREAS, Fermilab is part of the Illinois Technology &
18 Research Corridor; and

19 WHEREAS, Fermilab employs 1,750 scientists and engineers
20 from around the world; and

1 WHEREAS, Fermilab collaborates with more than 20 countries
2 on physics experiments based in the United States and
3 elsewhere; and

4 WHEREAS, Fermilab's Tevatron was a landmark particle
5 accelerator, and the fourth largest particle accelerator in the
6 world until it was shut down in 2011; and

7 WHEREAS, Fermilab also hosts fixed target and neutrino
8 experiments; and

9 WHEREAS, The groundbreaking work done at Fermilab has led
10 to the discoveries of the bottom quark, top quark, and tau
11 neutrino; and

12 WHEREAS, Fermilab hosts many cultural events, including
13 not only public science lectures and symposia, but also
14 classical and contemporary music concerts, folk dancing, and
15 art galleries; and

16 WHEREAS, The site continues to inspire the scientific minds
17 of tomorrow by remaining open to the public from dawn to dusk;
18 therefore, be it

19 RESOLVED, BY THE HOUSE OF REPRESENTATIVES OF THE ONE

1 HUNDREDTH GENERAL ASSEMBLY OF THE STATE OF ILLINOIS, that we
2 commemorate the 50th anniversary of the Fermi National
3 Accelerator Laboratory and that we encourage Fermilab, the City
4 of Batavia, and the State of Illinois to continue to encourage
5 the outstanding work and research that they conduct; and be it
6 further

7 RESOLVED, That suitable copies of this resolution be
8 presented to Fermilab, the Fermi Research Alliance at the
9 University of Chicago, and the United States Department of
10 Energy Office of Science.