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The IPPOG Resource Database: Making particle physics outreach & education available worldwide

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The International Particle Physics Outreach Group (IPPOG) has been making concerted and systematic efforts to present and popularize particle physics across all audiences and age groups since almost 25 years. Today the scientific community has in IPPOG a strategic pillar in fostering long-term, sustainable support for fundamental research around the world. One of the main tools IPPOG has been offering to the scientific community, teachers and educators since almost 10 years is the Resource Database (RDB), an online platform containing the collection of high-quality engaging education and outreach materials in particle physics and related sciences. After almost 10 years, a new digital portfolio aiming to greatly broaden the audience type and strengthen the user experience, is being developed including a new RDB, which is currently undergoing a major curation process in order to ensure the resources are up-to-date and of the highest quality. IPPOG wants the new website to become more open to students, teachers, and the general public and the new RDB to become the primary source of particle physics outreach material in the world, which would help to bring particle physics closer to the society.

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