Abstract Submitted for the APR20 Meeting of The American Physical Society

LawPhysics Webinars as a Tool to Communicate Research in Physics ALEJANDRO CARDENAS-AVENDANO, University of Illinois at Urbana-Champaign, ROBERTO LINEROS, Departamento de Física, Universidad Católica del Norte, Avenida Angamos 0610, Casilla 1280, Antofagasta, Chile., JOEL JONES, Sección Física, Departamento de Ciencias, Pontifica Universidad Católica de Perú, Apartado 1761, Lima, Perú., NICOLÁS BERNAL, Centro de Investigaciones, Universidad Antonio Nariño, Carrera 3 Este No 47A'15, Bogotá, Colombia., LAWPHYSICS TEAM — The way of sharing information between scientists has evolved from personal letters to live streaming of breakthroughs, as it occurred with the Higgs discovery announced by ATLAS and CMS collaborations, and with the gravitational wave detections by LIGO and Virgo Collaborations. In 2015, we created the Latin American Webinars on Physics (lawphysics), a webinar cycle oriented to physicists and science enthusiasts, which covers the topics related to high energy physics, astroparticle physics and astrophysics. Lawphysics typically hosts two or three webinar sessions per month, which for over five years has archived an average of 300 views per talk. In this talk, I will present an overview of lawphysics, including its goals and status, and an analysis of its impact after almost one hundred webinars. I will additionally offer recommendations for how to hosts live webinars and about ways to offer opportunities for students in developing countries to hear a cutting-edge research talk and being able to interact with the speakers.

> Alejandro Cardenas-Avendano University of Illinois at Urbana-Champaign

Date submitted: 11 Feb 2020 Electronic form version 1.4