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September 21, 2020

Andrea Cavagna
Consiglio Nazionale delle Ricerche
Piazzale Aldo Moro, 7
Rome, 00185
Italy

Dear Dr. Cavagna,

It is my pleasure to inform you that you have been selected to receive the American Physical Society's 2021 Max Delbruck Prize in Biological Physics, which recognizes outstanding achievement in biological physics research. The citation that will appear on your certificate is:

"For the incisive combination of observation, analysis, and theory to elucidate the beautiful statistical physics problems underlying collective behavior in natural flocks and swarms."

APS Honors staff will provide further information regarding your recognition at an upcoming APS meeting.

Congratulations on your well-deserved honor.

Sincerely,

Philip H. Bucksbaum, APS President

Cc: William Bialek, Nominator
Tatyana Sharpee, Chair, Delbruck Prize Selection Committee
Phil Nelson, Chair, Division of Biological Physics
Huan-Xiang Zhou, Secretary/Treasurer, Division of Biological Physics