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# From Cars (the Movie) to Self-Driving: Pixar Veterans Join Aurora to Advance Company's Simulation Efforts

***Aurora continues to scale its Virtual Testing Suite, running millions of daily tests to rapidly increase capabilities of Aurora Driver***

MOUNTAIN VIEW, Calif.--(BUSINESS WIRE)-- Self-driving company [Aurora](#) announced it is accelerating simulation efforts by welcoming the team from Colrspace – a creative technology start-up made up of Pixar veterans behind the computer generated imagery (CGI) magic of iconic movie series like “Toy Story” and “Cars.”

This press release features multimedia. View the full release here:  
<https://www.businesswire.com/news/home/20211028005300/en/>

Colrspace's team bridges state-of-the-art computer graphics and machine learning with a data-driven approach to reconstructing 3D objects and materials, deployable in real-world environments. As Aurora continues to leverage and expand its [Virtual Testing Suite](#), Colrspace's technology will bring scalability and increased accuracy to the high fidelity virtual worlds that underpin Aurora's unique sensor simulation capabilities.

“We're able to move quickly because of the smart foundational investments we've made in our technology and the immensely talented people who join our company,” **said Aurora Co-founder and CEO Chris Urmson**. “Colrspace's team and technology will enable us to move even faster in developing simulation and machine learning tools, accelerating our progress towards delivering the Aurora Driver.”

With its industry-leading Virtual Testing Suite, Aurora runs millions of simulations every day. This allows the company to train and evaluate the Aurora Driver's software stack across a vast range of scenarios and driving conditions, finding edge cases and catching errors early, well before the software is loaded onto vehicles. Ultimately, simulation testing drives the development of the Aurora Driver. It is the quickest, and safest way to train and test Aurora's self-driving technology – estimated to be equivalent to more than 50,000 trucks driving continuously. This, combined with thoughtful on-road testing, will allow the company to deliver the Aurora Driver safely and quickly at scale.

As for Colrspace, its innovation is in Protocolr, which is based on an input image and infers texture and other material properties of an object. Key to the process is a neural network that models the processing of the camera pipeline, and couples this with a differentiable image renderer to enable “inverse rendering,” which computes the 3D scene and materials that would produce an image identical to the input photo. Aurora believes this technology will provide a unique advantage in building virtual worlds that are almost indistinguishable from the real one. This is critical because the more realistic the virtual world, the more effective

the testing can be.

Looking ahead, Aurora plans to merge with Reinvent Technology Partners Y (NASDAQ: RTPY), a special purpose acquisition company (SPAC), and expects to be listed on Nasdaq with the [ticker symbol AUR on November 4](#).

### **About Aurora**

*Founded in 2017 by experts in the self-driving industry, Aurora is on a mission to deliver the benefits of self-driving technology safely, quickly, and broadly. To move both people and goods, the company is building the Aurora Driver, a platform that brings together software, hardware and data services to autonomously operate passenger vehicles, light commercial vehicles, and heavy-duty trucks. Aurora is backed by Sequoia Capital, Baillie Gifford, funds and accounts advised by T. Rowe Price Associates, among others, and is partnered with industry leaders including Toyota, Uber, Volvo, and PACCAR. Aurora tests its vehicles in the Bay Area, Pittsburgh, and Dallas. The company has offices in those areas as well as in Bozeman, MT; Seattle, WA; Louisville, CO; and Wixom, MI. To learn more, visit [www.aurora.tech](http://www.aurora.tech).*

[Aurora Overview](#)  
[Aurora Press Kit](#)

### **Cautionary Statement Regarding Forward-Looking Statements**

*This press release contains certain forward-looking statements within the meaning of the federal securities laws with respect to the proposed transaction between Reinvent Technology Partners Y (“RTPY”) and Aurora Innovation, Inc. (“Aurora”). These forward-looking statements generally are identified by the words “believe,” “project,” “expect,” “anticipate,” “estimate,” “intend,” “strategy,” “future,” “opportunity,” “plan,” “may,” “should,” “will,” “would,” “will be,” “continue,” “likely,” and similar expressions. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this document, including but not limited to: (i) the risk that the proposed transaction may not be completed in a timely manner or at all, which may adversely affect the price of RTPY’s securities, (ii) the risk that the proposed transaction may not be completed by RTPY’s business combination deadline and the potential failure to obtain an extension of the business combination deadline if sought by RTPY, (iii) the failure to satisfy the conditions to the consummation of the proposed transaction, including the adoption of the Agreement and Plan of Merger, dated as of July 14, 2021 (the “Merger Agreement”), by and among RTPY, Aurora and RTPY Merger Sub Inc., a Delaware corporation and a direct wholly owned subsidiary of RTPY, by the shareholders of RTPY, the satisfaction of the minimum cash condition following redemptions by RTPY’s public shareholders and the receipt of certain governmental and regulatory approvals, (iv) the inability to complete the PIPE investment in connection with the proposed transaction, (v) the occurrence of any event, change or other circumstance that could give rise to the termination of the Merger Agreement, (vi) the effect of the announcement or pendency of the proposed transaction on Aurora’s business relationships, operating results and business generally, (vii) risks that the proposed transaction disrupts current plans and operations of Aurora and potential difficulties in Aurora employee retention as a result of the proposed*

transaction, (viii) the outcome of any legal proceedings or other disputes that may be instituted against Aurora or against RTPY related to the Merger Agreement or the proposed transaction or otherwise, (ix) the ability to maintain the listing of RTPY's securities on a national securities exchange, (x) the price of RTPY's securities may be volatile due to a variety of factors, including changes in the competitive and highly regulated industries in which RTPY plans to operate or Aurora operates, variations in operating performance across competitors, changes in laws and regulations affecting RTPY's or Aurora's business and changes in the combined capital structure, (xi) the ability to implement business plans, forecasts, and other expectations after the completion of the proposed transaction, and identify and realize additional opportunities, and (xii) the risk of downturns and a changing regulatory landscape in the highly competitive self-driving industry. The foregoing list of factors is not exhaustive. You should carefully consider the foregoing factors and the other risks and uncertainties described in the "Risk Factors" section of RTPY's registration statement on Form S-1 (File No. 333-253075), its Quarterly Reports on Form 10-Q for the periods ended March 31, 2021 and June 30, 2021, respectively, the registration statement on Form S-4 discussed below and other documents filed by RTPY from time to time with the SEC. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and RTPY and Aurora assume no obligation and do not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. Neither RTPY nor Aurora gives any assurance that either RTPY or Aurora or the combined company will achieve its expectations.

### **Additional Information and Where to Find It**

This press release relates to a proposed transaction between RTPY and Aurora. This press release is not a proxy, consent or authorization with respect to any securities or in respect of the proposed transaction and does not constitute an offer to sell or exchange, or the solicitation of an offer to buy or exchange, any securities, nor shall there be any sale of securities in any jurisdiction in which such offer, sale or exchange would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. RTPY has filed a registration statement on Form S-4 with the SEC (333-257912), which includes a prospectus and proxy statement of RTPY, referred to as a proxy statement/prospectus. RTPY has mailed a definitive proxy statement/prospectus and other relevant documents to its shareholders of record as of September 30, 2021, the record date established for the extraordinary general meeting of shareholders relating to the proposed transaction between RTPY and Aurora. RTPY also will file other documents regarding the proposed transaction with the SEC. Before making any voting or investment decision, investors and security holders of RTPY are urged to read the registration statement, the proxy statement/prospectus and all other relevant documents filed or that will be filed with the SEC in connection with the proposed transaction because they will contain important information about the proposed transaction. Investors and security holders will be able to obtain free copies of the registration statement, the proxy statement/prospectus and all other relevant documents filed or that will be filed with the SEC by RTPY through the website maintained by the SEC at [www.sec.gov](http://www.sec.gov). The documents filed by RTPY with the SEC also may be obtained free of charge at RTPY's website at <https://y.reinventtechnologypartners.com> or upon written request to c/o Reinvent Capital, 215 Park Avenue, Floor 11 New York, NY.

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