

*Impulse, volume 6*  
March 2017

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Friends and colleagues,

We're excited to share with you our [2016 Annual Report](#) entitled "Building a Home for Hard Science Innovators," which is the result of many long hard hours of work for our team. In it, we capture our latest thinking about what Cyclotron Road is and why it matters, provide a detailed retrospective on the results of the Cyclotron Road pilot, and some thoughts on where our effort goes from here. We hope you enjoy it and are eager to hear what you think.

You can also read on for all the latest news from Cyclotron Road. In particular, for the first time we're featuring an in-depth interview with one of our fellows following a major milestone. If you're interested to learn what a Cyclotron Road innovator has in common with the arctic woolly bear moth, I encourage you to check out Levi Gadye's interview with Peter Frischmann below.

Thank you for your continued engagement and support.

Onward,

The Cyclotron Road Team

P.S. We're hiring a [Partnerships Manager](#) to join our team! More details below.

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## *2016 Annual Report*

### **Building a Home For Hard Science Innovators: A Retrospective on the Cyclotron Road Pilot**

Our [2016 Annual Report](#) captures the key outcomes of the Cyclotron Road

retrospective of what happened during the pilot, and some thoughts on where we go from here.

The bottom line—our first cohort of innovators have blown us away with their vision, drive, and accomplishments. We are humbled by the transformative role Cyclotron Road has played in enabling them to turn scientific concepts into real-world products. Most importantly, we believe their experiences here will set them on course to become global leaders in technology and innovation.



### BUILDING A HOME FOR HARD SCIENCE INNOVATION

A RETROSPECTIVE ON THE CYCLOTRON ROAD PILOT

2016 ANNUAL REPORT

cyclotronroad

[Click here to read our 2016 Annual Report here and get the full story.](#)

### *Innovator Feature*

#### **Metamorphosis: Peter Frischmann on pivoting, winning ARPA-E, and becoming a "businessman"**



Last fall, just months after Peter Frischmann joined Cyclotron Road Cohort Two, his company Sepion Technologies shifted its focus and was awarded funding via the ARPA-E IONICS program. Writer Levi Gadye sat down with Peter a few weeks after the award was

announced to chat about this early success and what it means for him and his company.

### *Cohort News*

#### **Opus 12 wins inaugural Roddenberry Prize for innovation in the spirit of *Star Trek*, featured by *Fast Company***

recently won the \$400,000 Grand Prize in the inaugural Roddenberry Prize competition. They were featured on Fast Company's Co.Exist for winning the award.



The Roddenberry Prize was launched in honor of the 50th anniversary of Star Trek by the Roddenberry Foundation, which was "created to build on Star Trek creator Gene Roddenberry's legacy and philosophy, to drive social change and improve the lives of people around the world."

"The judges looked at Opus 12, and, of all the 600 applications we got, they have the potential to be both successful and create the largest transformational impact," said Lior Ipp, CEO of the foundation, in an interview. Congratulations to the Opus 12 team!

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### *Job Opportunity*

## **We're hiring! Join us to support hard science innovators at Cyclotron Road**

We're looking to hire a Partnerships Manager who is a relationship building machine. This individual will build and cultivate strategic relationships with Cyclotron Road's unique and influential network of major companies, industry executives, investors, and experienced entrepreneurs. They will be a core member of our team and work closely with our innovators and supporting partners.



If you are motivated to make a difference in hard tech and believe that it all starts with people, we encourage you to apply. Excellent push-up form is (clearly) not required. More information and full position descriptions can be found at [cyclotronroad.org/jobs](http://cyclotronroad.org/jobs)

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## Welcome to the team: Frans Nauta

Frans recently joined [our team](#) as Program Curator and is responsible for designing and delivering Cyclotron Road's hard tech education curriculum. Welcome, Frans!



Before joining Cyclotron Road Frans was responsible for the design and execution of the Climate-KIC Accelerator, a Europe-wide program that supports green startups. He is the founder and CEO of ClimateLaunchpad, the green business ideas competition, and visiting scholar at UC Berkeley's Haas School of Business. Frans has a bachelors degree in environmental technology from Wageningen University and a masters in political science from the University of Amsterdam.

### *On the Road ...*

#### **Cohort news ...**

Opus 12 was [selected](#) to join Energy Excelerator's 2017 Cohort, [won](#) a Phase II NASA SBIR, and [was featured](#) on the radio program Marketplace ... Visolis won a Phase I DOE SBIR award ...

#### **Program news ...**

Cyclotron Road was [featured](#) in the *San Francisco Business Times* ... Berkeley Lab [highlighted](#) the benefits of collaborating with Cyclotron Road innovators for Lab scientists ...

#### **What we're reading ...**

The *Economist's* [daily chart](#) on the gender gap in science ([full Elsevier report](#)) ... Jason Rosenthal on "How to Build a Hart Tech Startup" ([Backchannel](#)) ... Alex Krause, Emily Fetsch, and Jordan Bell-Masterson on "The Gender Stereotypes of Entrepreneurship" ([Kauffman Foundation](#)) ... Elicia Maine and V.J. Thomas on "Raising financing through strategic timing" (*Nature Nanotechnology*) ... Alex Scott on Europe's Proof of Concept program for inventors ([C&E News](#))

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## Calendar

### Catch up with us at an upcoming event!

**Near Future Summit** March 15th - 17th, La Jolla, CA

*Ilan and Etosha will be presenting as part of the Asset Alchemy capsule*

**NREL Industry Growth Forum** April 13th - 14th, Denver, CO

*Sebastien will be in attendance and participating in one-on-one meetings*

**"Open House" happy hour** April 20th, Daily Pint, Berkeley, CA

*All are welcome to join us for our Open House happy hour, which will run from 5:30pm - 7:00pm.*

**VERGE Hawaii** June 20th - 22nd, Honolulu, HI (Apply by April 10th)

*Are you developing an innovative solution in energy, transportation, agriculture, water or infrastructure resilience? VERGE is seeking early-stage companies and entrepreneurs addressing market opportunities in these areas to participate in the VERGE Accelerate fast-pitch competition at VERGE Hawaii: Asia Pacific Clean Energy Summit (June 20-22 in Honolulu). Applications will be accepted through April 10. Learn more and apply today: <http://grn.bz/vh17cr>*



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