Open Innovation
on the Digital
Manufacturing Commons

DMC Workshop on September 23

Open Innovation

- In the browser wars Netscape had a problem -- Microsoft had over 90% market share

- Remember Netscape 6? They didn't have a product that was compelling

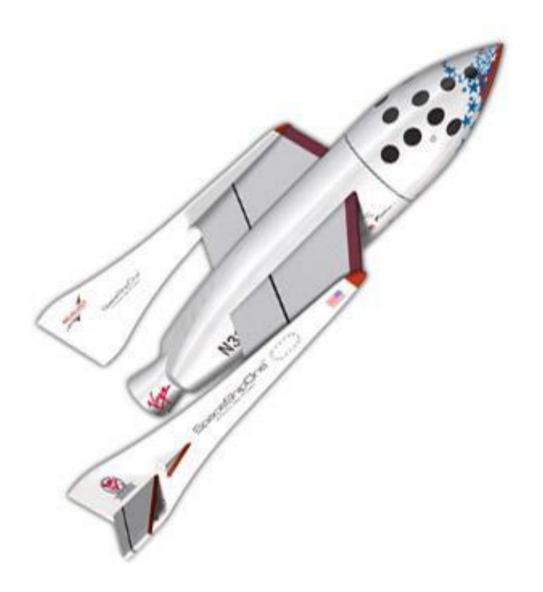- Netscape launched the open Mozilla project in 1998 to help fix this problem

Lessons from Firefox

- Firefox was launched in 2004 and solved this problem

- Market share and revenue greatly increased for Mozilla

- The solution didn't come from Netscape or Mozilla staff though

- Firefox was an open collaboration that offered a better solution

Not Just For Software

- Open source innovation methods are being used more broadly now

- DARPA developed self-driving cars through open innovation

- SpaceX is now developing the Hyperloop idea as an open effort

- XPrize kickstarted a sub-orbital tourism industry

Ocean Health Prize

- XPrize using open innovation now for many new prizes

- Scientists need better data on ocean acidification

- Ocean Health prize fixing problem of lack of pH sensor technology

- 3 teams split $2 million prize by increasing accuracy and lowering cost

Solving Problems You Face

- We'll spend the next 2 hours thinking how open innovation on the DMC can help solve problems you face

- First exercise is to help us figure out who you want to collaborate with that we can bring into the community

- Second exercise is to get into small groups to identify common problems that can be solved through the DMC

Audience Hacking

- We've brainstormed a list of audiences who would be interested in the DMC

- We want you to help us make the list better

- Put red dots next to audiences you're interested in

- Add sticky notes with any additional audiences you'd like to see in the

Group Break-Outs

- Next we'll break into small groups for 45 minutes

- Facilitators will help work through questions about collaborating on the DMC

- Each group will do a quick report back

- This feedback will go into the community plan for DMC

Group Questions

- What digital manufacturing problem can the DMC help you solve?

- What audiences in the DMC community would you like to collaborate with to help solve this problem?

- What technology will help you address this problem?

- What does success look like to you when you've solved this problem?

Remote Participation

- For anyone joining the workshop remotely, we'd love to have you involved in the breakouts.

- To take part, go to the following link and follow the directions there.

- http://workopen.org/p/DMC-workshop-breakout