

PTC[®] presents

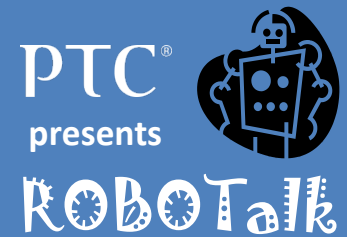
ROBOTalk

Hosted by David Price, the voice of FTC

How to build a
robot from
concept to
competition

October 22nd, 2014

WELCOME



- Thank You for joining us!
- PTC Experts on this webinar



Jordan Cox
Director, PTC K12
Programs



Scott Morris
Windchill & Creo
Expert



Mark Cheli
Creo Expert &
Webex Technical
Assistance



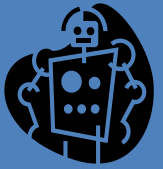
**Kari
Karwedsky**
PTC FIRST
Program Manager

- Our host,

David Price



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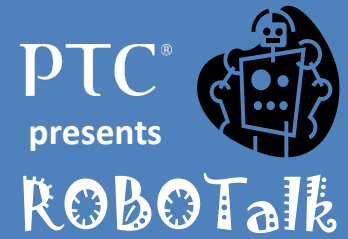
ROBOTalk

**WHAT IS YOUR TEAM
NAME AND LOCATION?**

**Text 251645 and your message
to 22333**

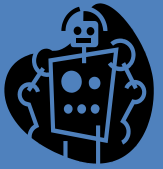
Poll
Everywhere

AGENDA



- Scouting – What’s the benefit? – David Price
- Creating Your Own Custom Parts! – Scott Morris
- Questions & Answers

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ROBOTalk

SCOUTING – WHAT'S THE BENEFIT?

David Price

How to go to The World Championship

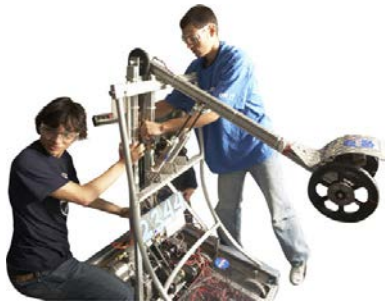
(or at least choose a good alliance partner)



Scouting Team

- The scouting team is a great way for new members to see what makes robots good . . .and not so good.
- It's always useful to have a senior team member to mentor the younger team members.
- A scouting team should have multiple members in the pits and multiple members on the stands.
- Just sitting in the stands and watching IS scouting.
- Talk to your team's leadership and make sure that you all agree on what you should be looking for.





Scouting Tips

- Everyone does it, so be out in the open
- Scouting is more than just data
- Look for the “X” Factor
- Look for how other robots compliment your own
- History counts
- Make a Rubric . . . oh wait, I made one!

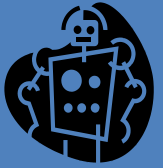
Scouting Rubric

Team Number	Team Name	Complimentary	Strengths	Weaknesses	Ranking
3.14	The Pie BOTs	Yes	Can Score Balls in all Goals	Could fall over	14
1.618	The FeeBots	Yes	Can lift up goals	Cannot score balls	7



Disclaimer - This is not an official rubric. It's just an idea.

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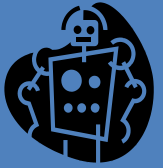


ROBOTalk

CREATING YOUR OWN CUSTOM PARTS!

Scott
Morris

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**ASK THE EXPERTS...
QUESTIONS?**