Session 1 (Techniques)

- Challenges
  - Combining CD & Safety
  - Risk of Failure (safety, costs)
  - Legacy Systems & Technologies
  - Inter-organization CD & Experimentation
  - Customer dependency on legacy behavior vs. experiments

Session 2 (Processes)

- Post Agile with CD
- Feedback is key
- Tailoring / context feedback
- Evidence-based instead of gut-feeling
- Different Cadences for different activities
- RCoSE short cycles “crowd out” innovation time (slack)
- Processes beyond S/W
- Features Atomic Enough to Deliver to Customers
- Hunan Issues
- Risk of CI / CD
  - Not Haste / Shorter Sprints
- Stable Code Based Needed
- User-Led Innovation
- Feedback Key

Session 3 (Continuous *)

- 2 min: perfect (max) build waiting time
- How to achieve minimal build waiting time and maximizing bug detection in testing?
- What is the tradeoff between the two?
- Automated Feedback not helpful in one agile project (Krusche talk)
- Trouble with setting up CI/CD
- Challenges vs. Benefits in Continuous Experimentation (CE)
- How to prioritize / select features for experimentation?
- Talk directly to customer’s customer in B2B
Different Techniques for different assumptions and contexts
Assumptions definition / identification is already helpful on its own
Customer needs are not equal to customer wishes (what they say may not be what they want)
Qualitative and quantitative measures are important
Different types of research methods useful
How to convince industry to use the techniques?
Sharing risks/benefits of CE between company / customers
Different factors to optimize the software for

Wrap-Up

RCoSE 2016 wish list
  o More industry
  o Talk with RELENG (join forces?)
  o Industry keynote
  o Better advertisement of the workshop in industry
  o Talk submissions (with only a short abstract, no paper required)
  o How to embrace other types of meetings: meet-up, livestream, product camps
  o Invite local companies
  o Future topics:
    ▪ Automated experiments
    ▪ No-Ops / DevOps / BizDev
    ▪ Learning
    ▪ Autonomous systems / CPS
    ▪ Domain specific continuous *
    ▪ Education: How to teach Continuous *
    ▪ Social aspects
  o More demos (also tool demos)
  o More discussions
  o More examples / case studies
  o Add keynote
  o Better definition of terms
  o More time reserved for constructive work (e.g., planning a paper)
  o Add posters
  o More economic aspects
  o Define a roadmap

  • Propose workshop again
  • 2 days to have more time for discussion and constructive works