



Software Engineering Conference Russia 2018

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# Think globally, work locally: distributed & remote teams in the program

Sandra Aleksieje



# Objectives for today

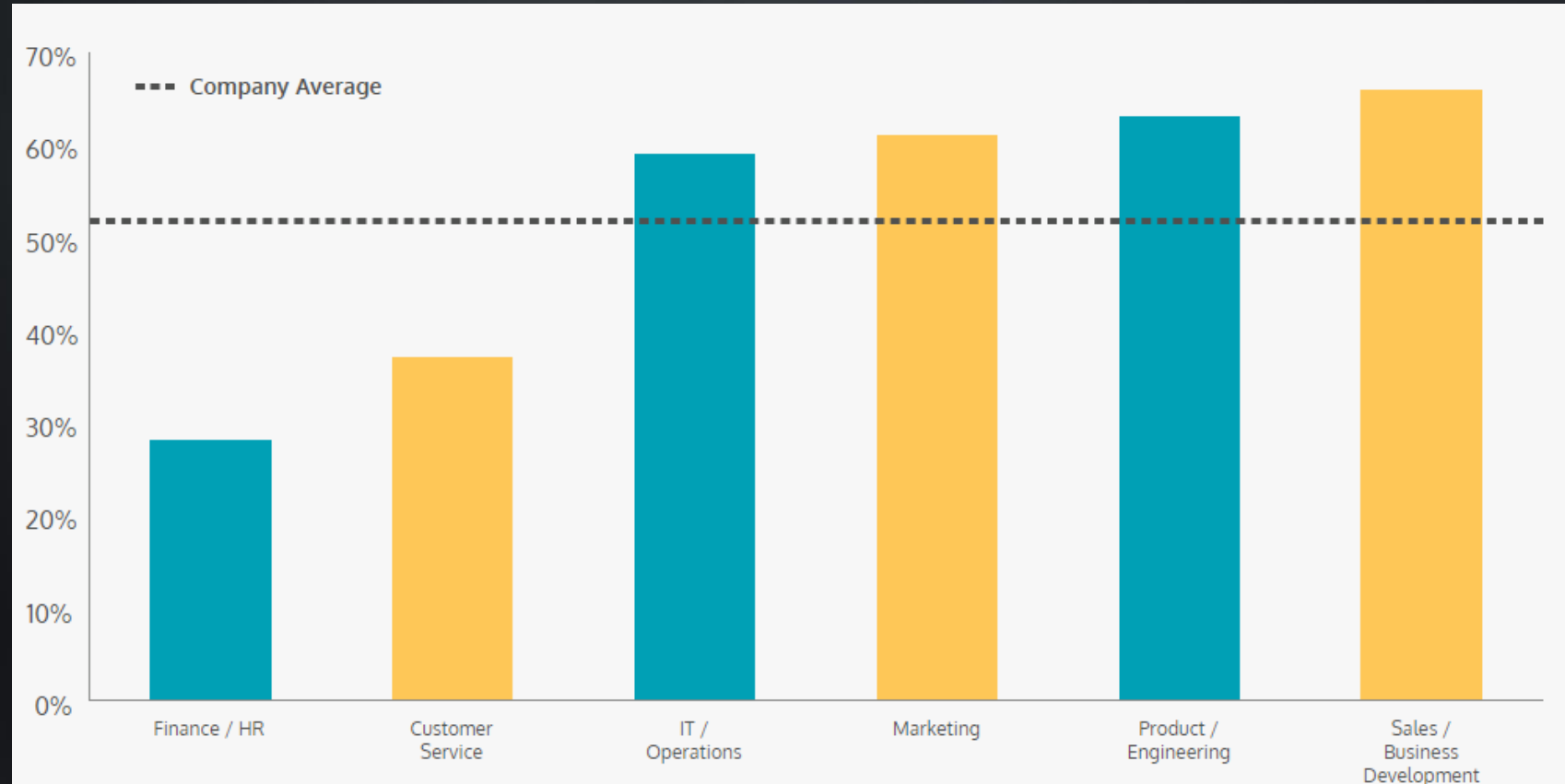
- #1: Challenges in the distributed & remote teams
- #2: Experience & key notes
- #3: Agile in remote teams

# Remote & distributed work

- Is a trust, and this trust works in both ways
- You can use the trust to perform or waste it
- No work environment does not work for everybody – strict boundaries help somebody
- For people with poor discipline, this freedom can be an issue

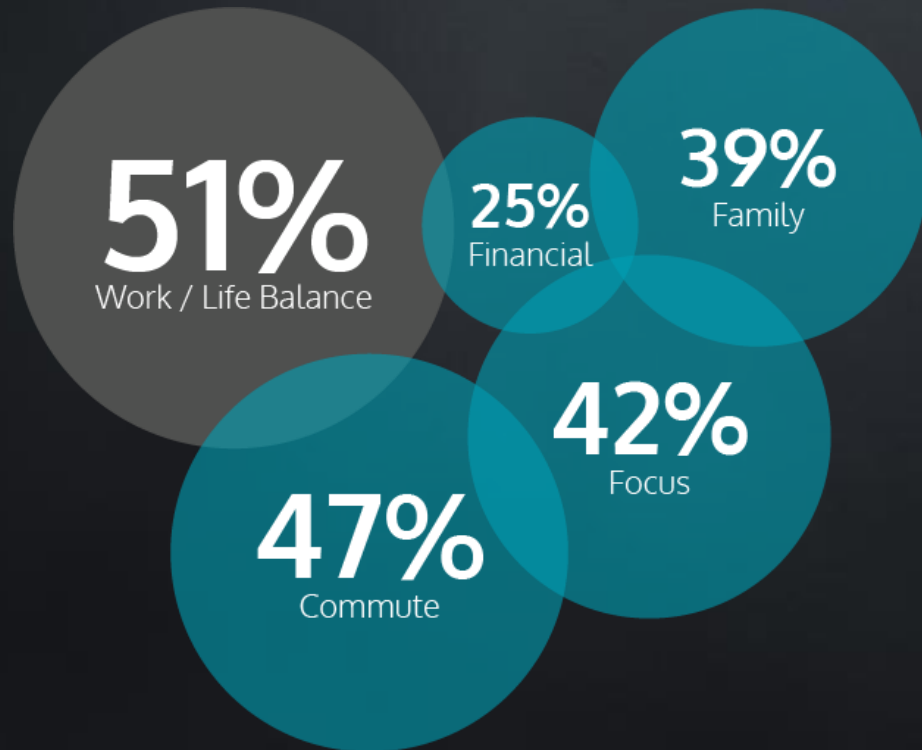


# Remote work stats – 52% work at least 1 day/week



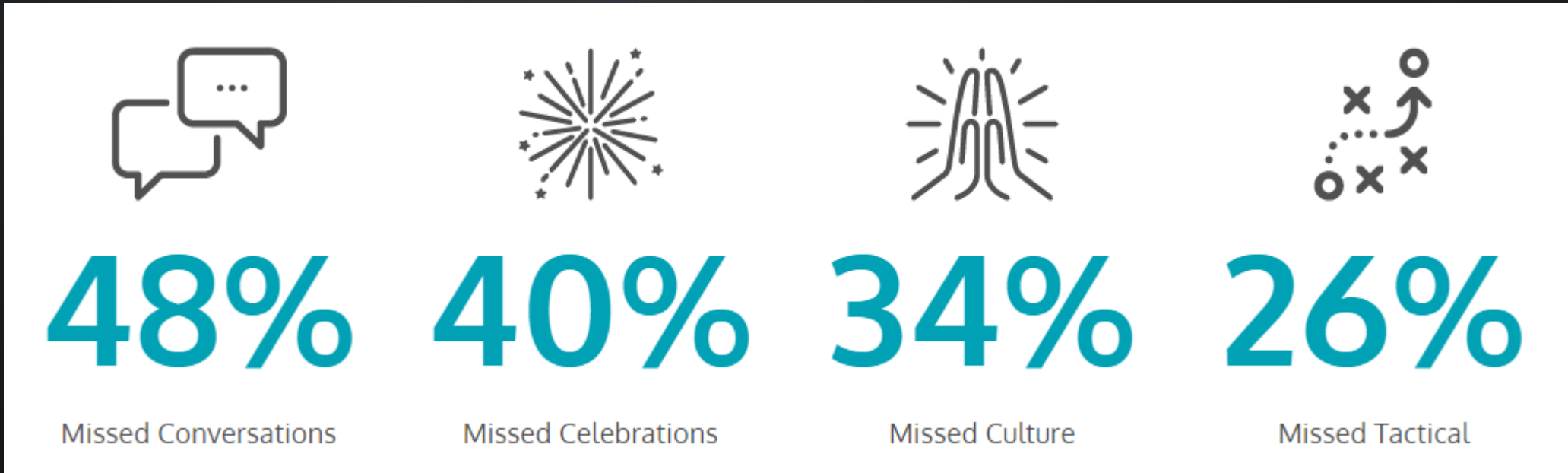
*By Owl Labs, 2017 data*

# Remote work stats – want mostly to improve work/life balance



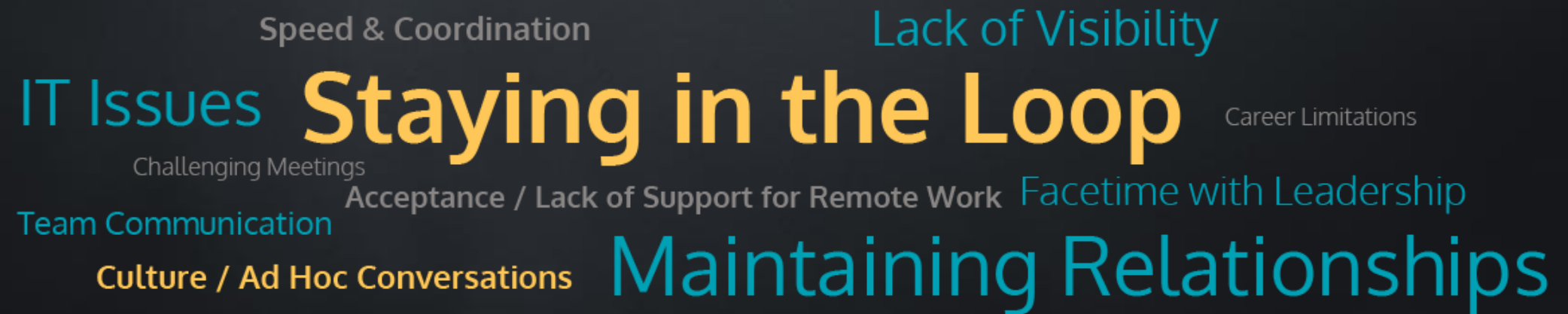
*By Owl Labs, 2017 data*

# Remote work stats – workers miss mostly



*By Owl Labs, 2017 data*

# Remote work stats – the biggest challenge for remote workers



*By Owl Labs, 2017 data*

# Top 5 challenges

1. They/Theirs *versus* We/Ours



2. Communication & culture



3. Not clear goals



4. Remote robots versus we are still humans



5. Know-how sharing in the remote team





# Experience & key notes

What is a key element in the remote team?

# Leading person



- Direction
- Bird's eye view
- Clear goals
- Team attitude
- Team pace
- Team spirit & drive

# Communication (I)



# Communication (II)



MONOLITHIC



MICROSERVICES & APIs

## Microservices case

- Nice: decoupled, distributed, easy to change.



- Challenge: must be clear interface or API, a lot of networking.



## Communication (III)

- All team kick-off, sync-up meetings
- Minutes of Meeting
- Team building meetings
- **!** Small talk before the meeting
- **!** Shorter meetings
- Re-confirm if you understood correctly
- Both way communication
- **!** Feedback

# Culture



- Tips & tricks sessions about the culture
- Spend some time in that culture
- Ask about the social events

# Humans or robots?

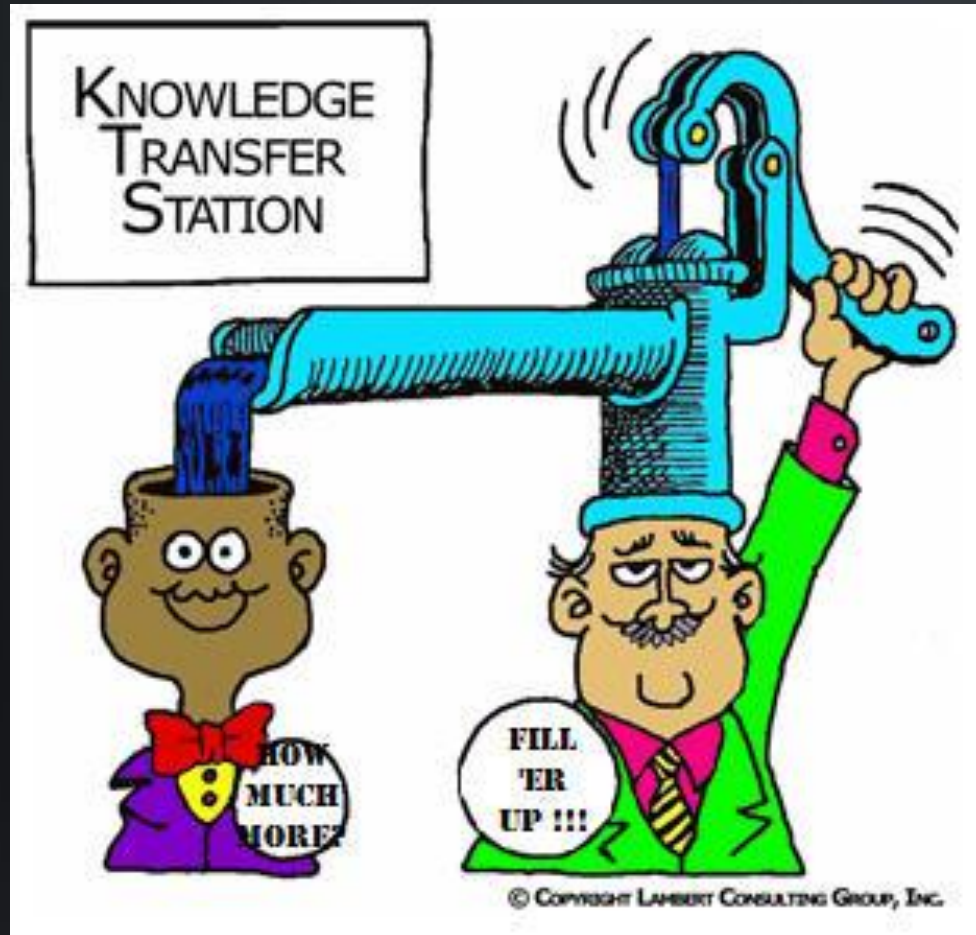


- Face
- Smile
- Body language
- Be open





# Know-how sharing








- Tech talks
- Learned lessons
- Documentation
- Pair programming
- Code reviews
- Projects/tasks rotation






# *Cathedral view versus Bazaar view*



# One formula for all teams

Full MQM+	Moderate Detail	Optimal	One-Category-Embraces-It-All
			
4 levels (3 in most cases), 190+ categories	Top 2 levels of the full MQM+ catalogue	Flat: Topmost level of the full MQM+ catalogue	All categories reduced to a single one
9 major categories + 3 optional	9 major categories + 3 optional	9 major categories + 3 optional	Holistic evaluation of atomistic quality
63 second-level categories	63 second-level categories	Locale convention, Terminology, etc.	0 – 9 scale similar to Adequacy & Intelligibility
~120 lower-level subcategories		Each category clearly defined w/ examples	

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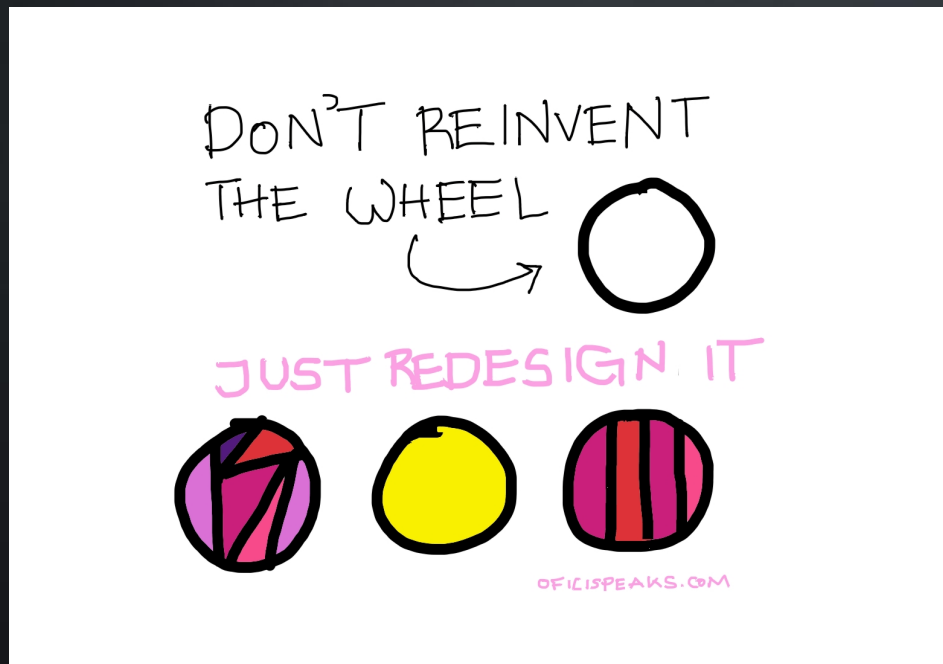
# Tools

# Tools for remote & distributed teams



- *People* make the tools special!

# Don't need to reinvent the wheel



- *Invest more* in high quality camera, microphone and whiteboard (virtual or real)

# Around the corner feeling

- Real time video & audio monitors in remote teams room – you can see team all the day and say ‘Hey’ any time







zoom



slack



Exchange

SharePoint

JIRA



Confluence



IBM  
Rational



eclipse



# Tools

Can Agile be a part of distributed and remote teams?

# Agile in remote team – our strengths



# Golden hours

- Shift working hours
- Rotate meeting time
- Spend more time together



# Communication – daily stand-ups



# Tasks assignment / Know-how base

- Different tasks
- Higher motivation
- Increased team satisfaction
- All code base understanding
- Easy to mentor newcomers for everybody





## Ownership

- No shared responsibility
- Actions
- Rights to transfer the ownership
- Transparency who is doing what

# Takeaways

- Communicate MORE & find the way works for YOUR team
- Shorten meetings
- Clarify the goals
- Try to avoid assumptions
- Engage team in everything if you can, let them feel – they a part when deciding something
- Don't forget human sense in the remote work
- Use tools which helps to perform better work results
- Be transparent, open, flexible & rotate the tasks



# Contact Me

- **Email:** [Sandra.Aleksieje@Auriga.com](mailto:Sandra.Aleksieje@Auriga.com)
- **LinkedIn:** [Sandra Aleksieje](#)

