Pair Programming

Tales From the Trenches

Hi, I'm
Kevin Knowles

Has seen the light at the end of the tunnel

New junior pair partner on his way this November

Pillar Technology

Hi, I'm
Zach VanMeter

Started Career as Waterfall Business Analyst

Initially Disappointed Pairing Didn't Allow More YouTubing

Pillar Technology

What is Pair Programming?

Two people focused together solving one problem

Why?

Why is it not twice price/ half value?

"Good full time pair programmers consistently produce higher-quality code faster" - Jim Remsik, Hashrocket

"In pairs, progress is faster, we can work longer without losing headway, and quality is higher" Ron Jeffries, XP Founder

Business Value?

Faster Turnaround Time

Larger Talent Pool

Higher Quality

Higher Bus Factor

Team Value?

More Consistent Velocity

Code Maintainability

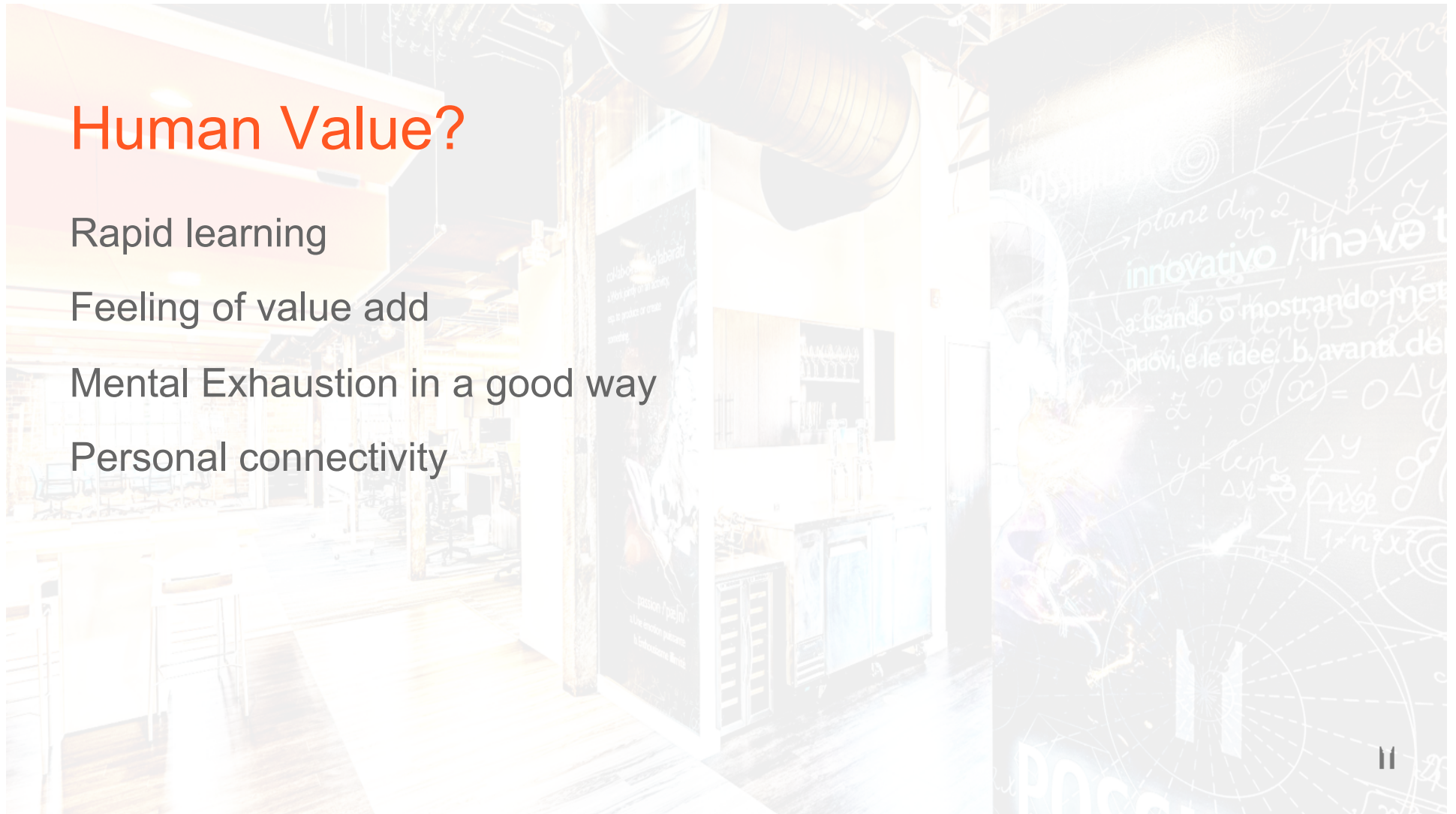Collective Code Ownership

Knowledge Transfer / Fewer Silos

Human Value?

Rapid learning

Feeling of value add

Mental Exhaustion in a good way

Personal connectivity

How?

Pairing Pointers?

Hygiene

Be Patient

No Distractions

Switching

Manners

Allow for normal human behavior

Pairing Pointers?

Humbleness. It's OK to be wrong.

Humbleness. It's OK to get lost.

Humbleness. It's OK to try new/different ideas.

Humbleness. Ask questions to test traction.

How can this work?

Do not force, but encourage pairing.

ENCOURAGE developers to experiment with pairing

Make it convenient and easy

Willing to compromise

I'm In… How Does this Work?

The Actual Share

1 Computer, 1 Input, 1 Monitor, 2 Developers

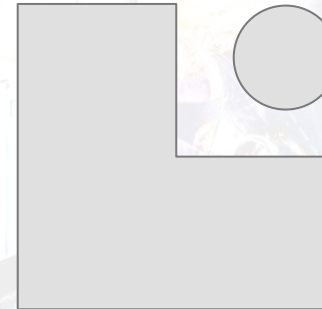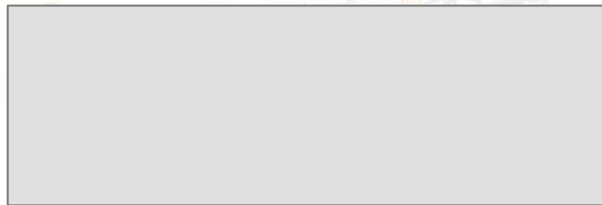1 Computer, 1 Input, 2 Monitors, 2 Developers

1 Computer, 2 Inputs. 2 Monitors, 2 Developers

2 Computers, 2 Inputs, 2 Monitors, 2 Developers

The Hardware

Do This

Not That

Can it work remotely?

Screen Sharing Tools

Make communication easy

Fast Internet Connection Ideal

Not ideal… last resort

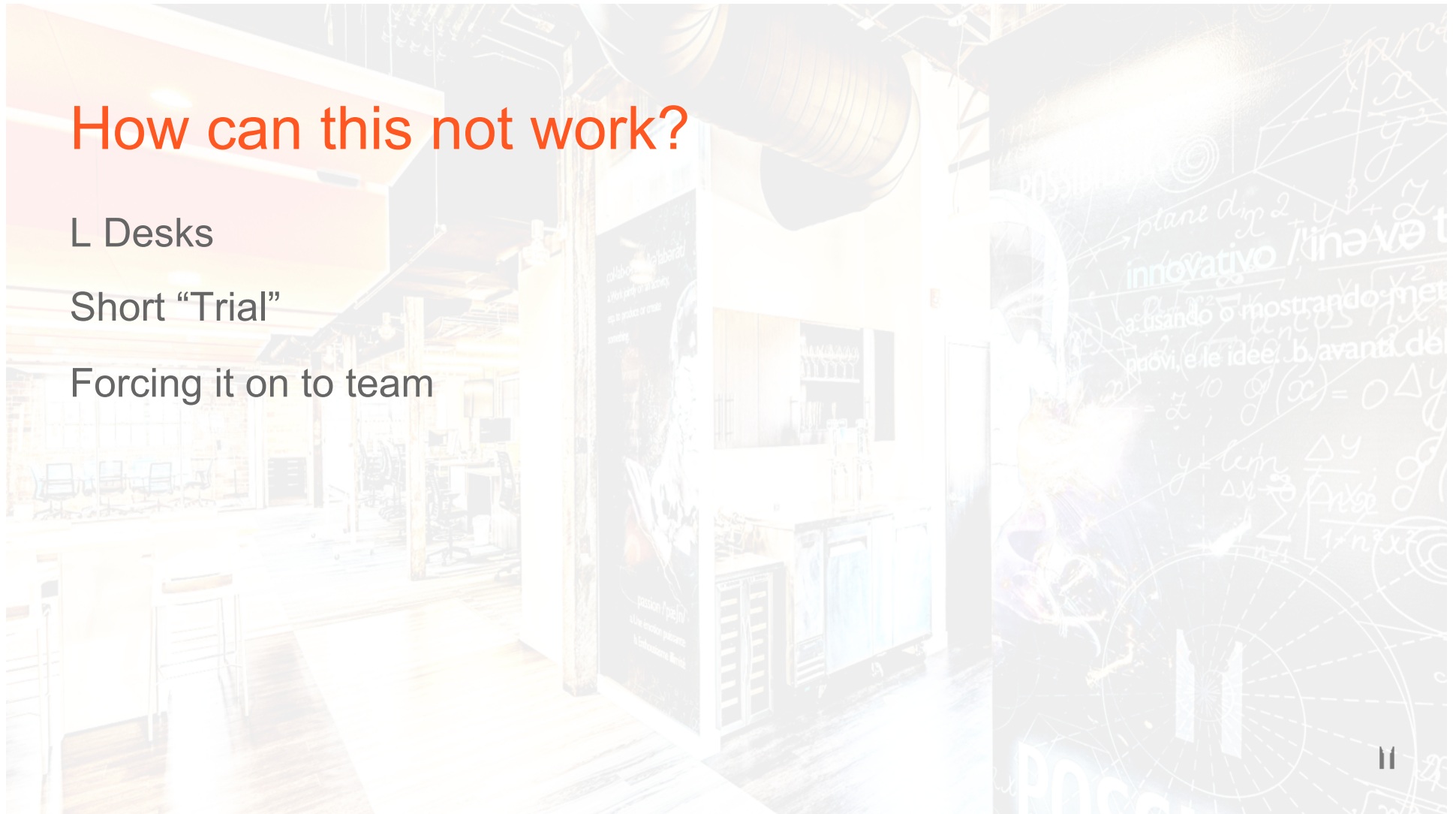May require more support and accommodations than local pairing

Common Pitfalls

How can this not work?
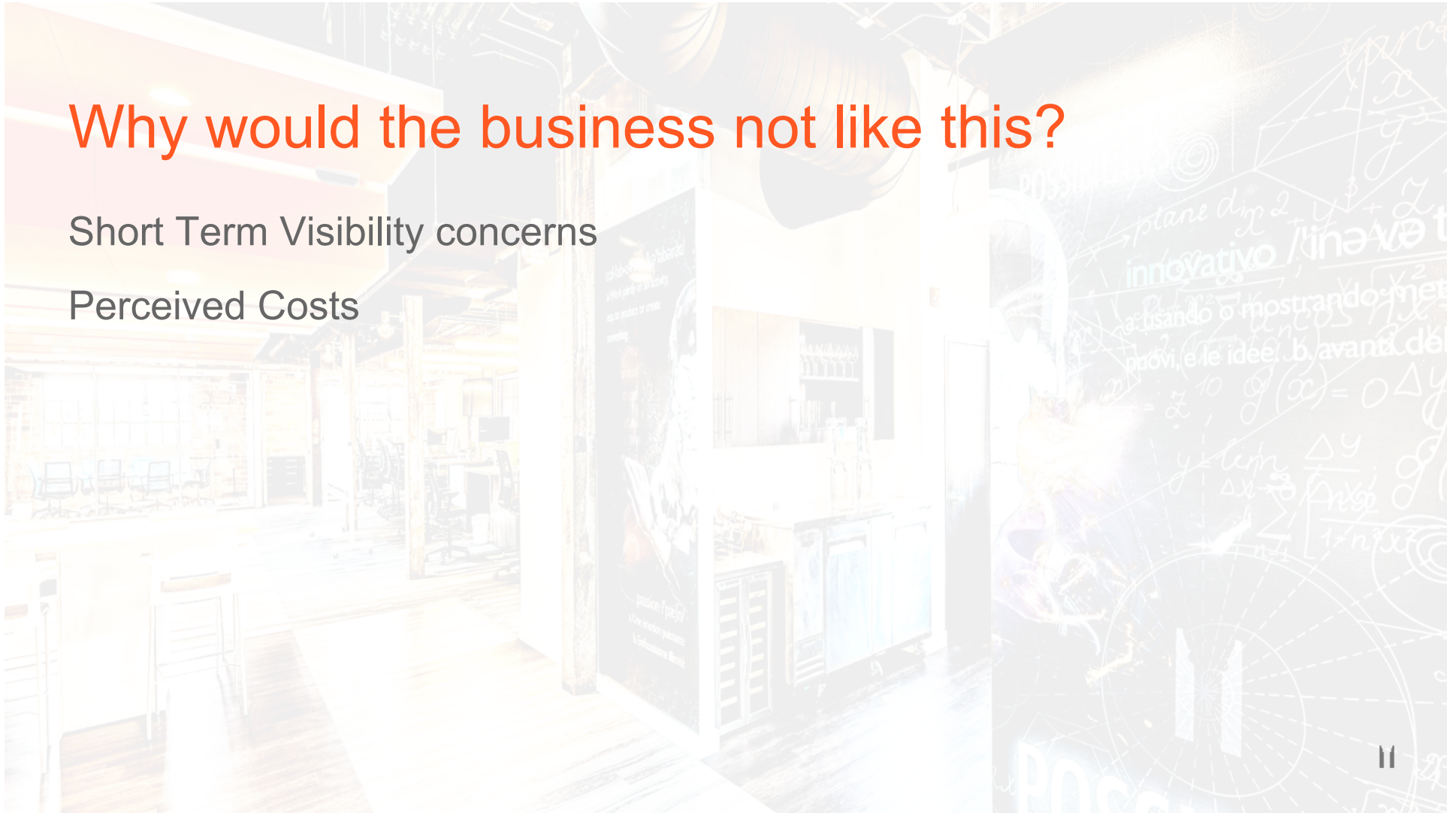
L Desks

Short "Trial"

Forcing it on to team

Why would the business not like this?

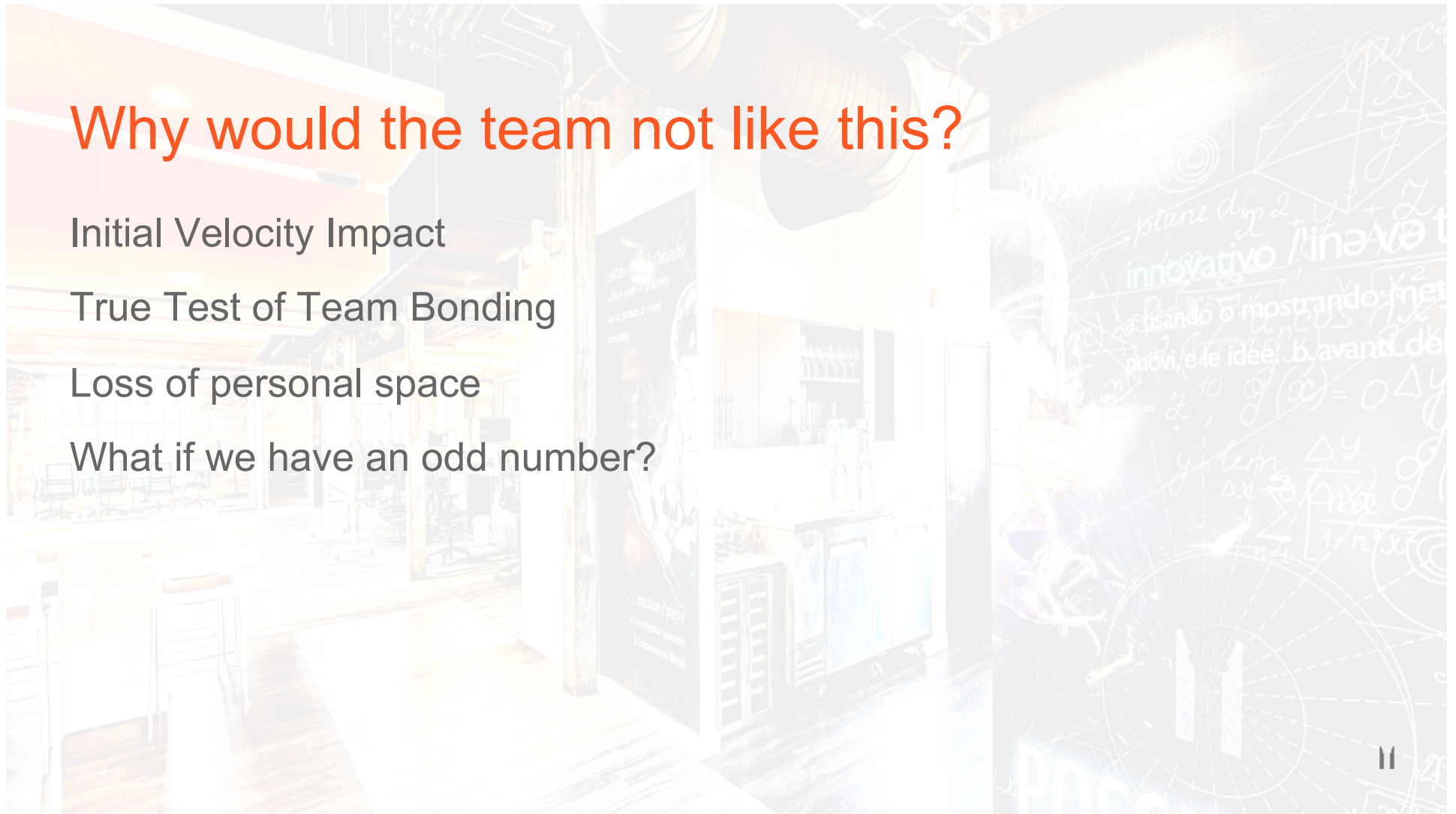Short Term Visibility concerns

Perceived Costs

Why would the team not like this?

Initial Velocity Impact

True Test of Team Bonding

Loss of personal space
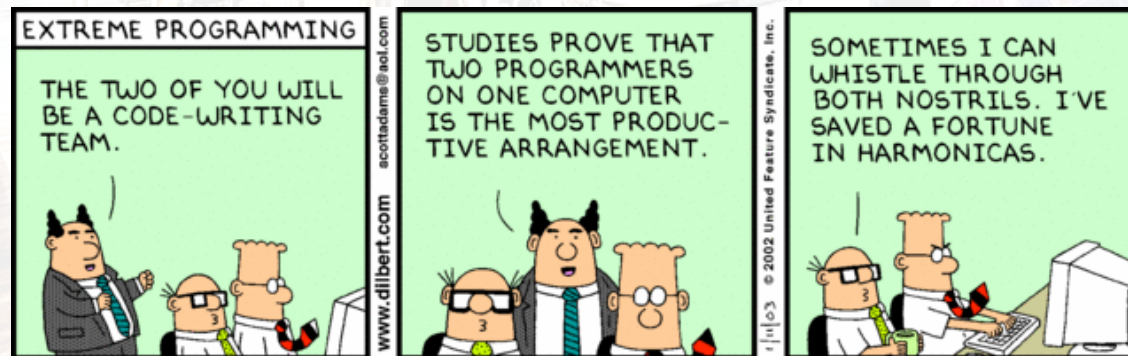
What if we have an odd number?

Why would a human not like this?

I'm too good for this and it slows me down

"Nakedness"

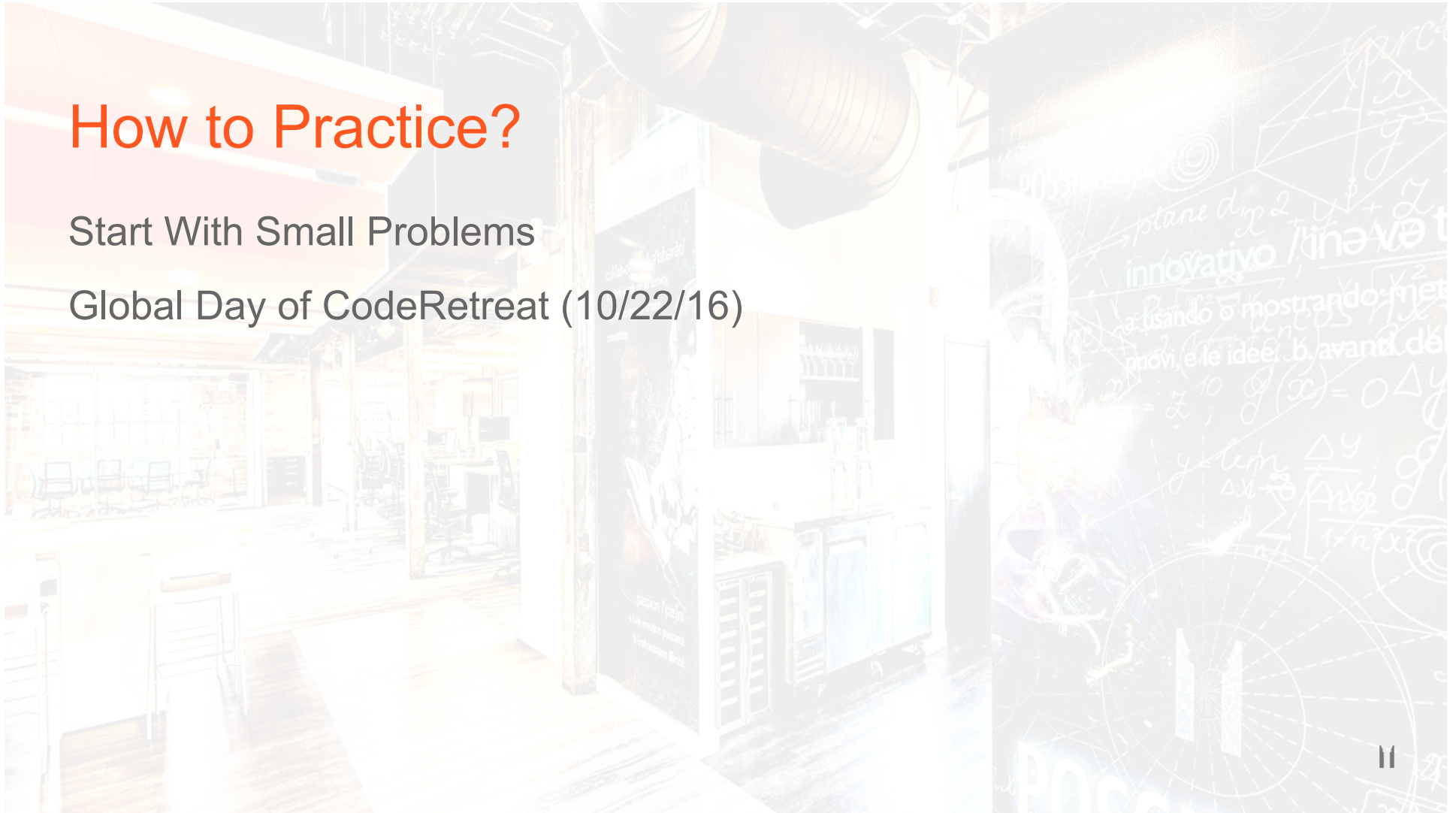Why should I care about other's development as I grow my career?

I only want to do X and I don't want to/know how to do Y

http://dilbert.com/strip/2003-01-11

How to Practice?

Start With Small Problems

Global Day of CodeRetreat (10/22/16)

Questions?

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