exciting growth

alloy-related research
dynamic extensions
high-order extension
new backends and solving strategies
instance selection metrics
code verification tools

in education
many successful courses
eg, Nelson's *Logic for Systems*

in research
many papers in top conferences
eg, Wickerson's transactional memory for ARM [PLDI18]
eg, Bornhold & Torlak's MemSynth [PLDI17]

in applications
successes on important real systems
eg, Torlak et al's radiotherapy assurance
eg, Zave's reworking of Chord

opportunities

build on promising successes
web standards: from guru to committee?
code verification: from data structures to file systems?
design sketching: from a few users to many?

consolidate efforts
coordinate developments (eg, web client)
integrate extensions (eg, SMT)
centralize offering of variants (eg, dynamic)

share resources
teaching materials
research papers
case study models

hence this workshop

not a traditional research workshop
focus is creating a plan to move forward

presentations
not to explain new ideas
but to introduce yourself and your contributions
(or to make strategic suggestions)

discussions
reach some agreement
best opportunities
best way to move forward

logistics

sessions
4 x 10 minute talks
35 minute discussion

breakouts
around hot topics
discuss today
report tomorrow

codebase tutorial
from Peter tomorrow pm

food
lunch provided, here
snacks in breaks
reception tonight at 6:15pm in Kiva

all food has no nuts or pork, dairy free and vegetarian marked

thank you

programme committee
Eunsuk Kang (chair)
Sarfraz Khurshid
Emina Torlak

local organization
Maria Rebelo

development
Peter Kriens (open source)
Aleks Milicevic (lead architect)

all of you for coming!
and for your great work