Sunday, July 12, 2015

1:00-5:00 pm  Conference Check-In  
Meritage Lobby

3:00-4:30 pm  Welcome! Getting Connected: A Networking Event  
Texas Grande Ballroom

Workshops  
6:00-9:00 pm  Beauty and Joy of Computing (CS Principles) on edX: Dan Garcia, Tiffany Barnes and Josh Paley  
International 4  

Embedding Computer Science in Science Classes--Grades 6-12: Paige Prescott and Maureen Psaila-Dombrowski  
International 2  

The Internet and Creativity & Global Impact: Two Modules for the new AP CS Principles Course: Richard Kick, Andrew Kuemmel and Lien Diaz  
International 1  

Media Computation in Python: Mark Guzdial and Barbara Ericson  
International 3

Monday, July 13, 2015

7:00-9:00 am  Breakfast for Workshop Attendees  
Windfall Dining Room

8:00 am-4:00 pm  Conference Check-In  
Meritage Lobby

8:00 am–4:00 pm  Exhibit Hall  
Texas Grande Ballroom

9:00 am-12:00 pm  Supplementing Conventional Teaching with an Online Google Tool: Afrin Naz, Amit, Deutsch, Shahed Mustafa and Dr. Mingyu Lu  
International 3  

Code.org's K-5 Courses: Katherine Apone, Kiki Proottsman and Evelyn Zayas  
International 1

CS Principles: Decoded—A Curriculum from Code.org: Baker Franke, Brook Osborne and Brenda Remess  
International 2
Mobile Computer Science Principles: Teaching Computing Through Mobile Technology: Ralph Morelli, Chinma Uche, Pauline Lake and Rachel Martinich
International 4

Game Design as a STEAM Course: Gary Gongwer
Spicewood

12:00-1:00 pm Luncheon: Texas Grande Ballroom

1:00-4:00 pm Problem Based Learning in Computer Science: A Case Study in Robotics Camp: Joshua Block
International 3

Physical Computing Activities for the K-8 Classroom: Dylan Ryder
International 1

High School CS Breadth in Depth: CSP x ECS x APCS: Owen Astrachan, Gail Chapman and Don Yanek
International 2

Transition to Java Using Alice 3: Donald Slater and Wanda Dann
International 4

TouchDevelop: Michael Braun and Peli de Halleux
Spicewood

5:00-8:00pm Monday Night Conference Event
Location: University of Texas at Dallas
Buses load at 4:30pm outside of hotel lobby

Tuesday, July 14, 2015

7:00 -8:00 am Breakfast
Windfall Dining Room

7:30 am Conference Check-In
Meritage Lobby

7:00 am–3:00 pm Exhibit Hall
Texas Grande Ballroom

8:00 am Conference Welcome
Texas Grande Ballroom

8:30 am Opening Keynote: Chief Technology Officer of the United States, Seth Andrew
Texas Grande Ballroom

9:45 am Break

Concurrent Sessions
10:00-11:00 am Computer Science Principles Curricula: Owen Astrachan, Dan Garcia, Bennet Brown, Jeff Gray, Ralph Morelli, Nigamanth Sridhar and Baker Franke
Spicewood

Hands on Computing in K-8 Classrooms: Sheena Vaidyanathan
St. Genevieve

Teaching CS to Students with Learning Differences: Sarah Ciras
International 1

Out of Your Seat Comp Sci: Coding Using the Kinect: Doug Bergman
International 2

Sponsor Spotlight — CT In 3D with Google: Amit Deutsch, Erin Mindell Cannon, Karen Parker and Dr. Chris Stephenson
Pheasant Ridge
Mini Sessions

- **Findings of the CSTA Assessment Task Force:** Aman Yadav, Padmaja Bandaru, David Burkhart, Daniel Moix and Eric Snow
- **CSTA Standards Crosswalk with ACM IT Learning Outcomes:** Elizabeth Hawthorne, Cindy Tucker and Deborah Seehorn
- **New Life for Old Hardware, A Teaching and Service Opportunity:** Neil Plotnick

Llano Estacado

Concurrent Sessions

11:15 am-12:15 pm

**Introducing the CSP-POGIL Project:** Tammy Pirmann and Brent Gray

Spicewood

**Using Minecraft in the MS to Teach Programming:** Bob Irving

St. Genevieve

**Engaging Underrepresented Youth in Computer Science:** Alexis Martin, Frieda McAlear, Dan Garcia, Jennifer Arguello and Tiffany Price

International 1

**CS Through Innovative Wearable Technologies:** Stephanie Playton

International 2

**Computational Thinking: A Problem-Driven Approach:** Gerard Rambally and Rodney Rambally

Llano Estacado

**Sponsor Spotlight 2: Code Quest: U.S. Government’s #1 IT Provider Recruits High School Students Through Coding Competition:** Cindy High Sam, Randy Mosher and Dr. Jeff Daniels

Pheasant Ridge

12:30–1:30 pm

**Lunch/Industry panel Sponsored by Oracle Academy:** Cindy Hughesam, Larry Israelite, Alison Derbenwick Miller, Dr. Chris Stephenson, Microsoft representative

Texas Grande Ballroom

1:30-2:30 pm

**Partners for a Path in K-12 Computer Science:** Pat Youngpradit, Owen Astrachan, Gail Chapman, Joanna Goode, Emmanuel Schnazer, Kiki Prottsman and Irene Lee

Spicewood

**Blocks-based Programming Environments – A Toolbox for Many Occasions:** Josh Sheldon, Judy Perry, Paul Medlock-Walton and Daniel Wendel

St. Genevieve

**Recruiting and Retaining Diverse Student Groups in New Mexico Computer Science for All:** Maureen Psaila-Dombrowski, Lauren Curry, Jeremy Jensen and Vernetta Noble

International 1

**From Online Professional Development to Classroom Pedagogy: Working at the Nexus of Research:** Aman Yadav, Sarah Gretter, Phil Sands, Susanne Hambrusch, Tim Korb and Yizhou Qian

International 2

**Focusing on Problem-Centered Programming Instruction:** Stephen Hughes and Philip East

Llano Estacado

**Sponsor Spotlight 3: Survival Guide to Minecraft + CS:** Peli de Halleux and Micahel Braun

Pheasant Ridge

2:30 pm

**Break**

2:45-3:45 pm

**Achieving a Shared Goal with AP Computer Science A and AP Computer Science Principles:** Fran Trees, Richard Kick, Andrew Kuemmel, Deepa Muralidhar, Dan Garcia, Lester Wainwright, Glen Martin, Sandy Czajka, Paul Tymann and Lien Diaz

Spicewood

**Pencil Code: Bridging Between Visual Blocks and Text-Based CS Education:** David Bau, Cait Pickens and Matthew Dawson

St. Genevieve
Changing Computing Education Policy in Your State: Renee Fall, W. Richards Adrion, Debra Richardson and Mark Guzdial
International 1

Learning Computer Science Through Making: Laura Blankenship, Brie Daley and Ryan Barnes
International 2

Convincing Non-CS Teachers to Teach CS Using Bootstrap: Emmanuel Schanzer, Floresa Vaughn, Marisa Brown
Pheasant Ridge

Mini Sessions

TEALS (Technology Education and Literacy in Schools): Michael Braun and Kevin Wang
Effective Blended Learning in Computer Science: Kim Garcia
GenCyber Summer Camps for High School Teachers and Students: Josh Pauli
Llano Estacado

3:45 pm

Break

4:00 pm

Closing Keynote: GearBox: Sean Reardon and Jimmy Sieben
Texas Grande Ballroom

5:00–6:00 pm

Conference Wrap-up