



Santa



**Awesome Christmas
party!**



Santa

**Awesome Christmas
party!**

**But expensive!
Cost of Santa doubles
every 1.5 years!**



Santa



Santa



Approximate Santa



Santa



Approximate Santa

Saves cost!



Santa



Approximate Santa

**Saves cost!
Less than 10% error!**



Santa



Approximate Santa

**Your Christmas party will still be
90% awesome!**

Doppelgänger: A Cache for Approximate Computing

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Session A1, Today, 2:20pm