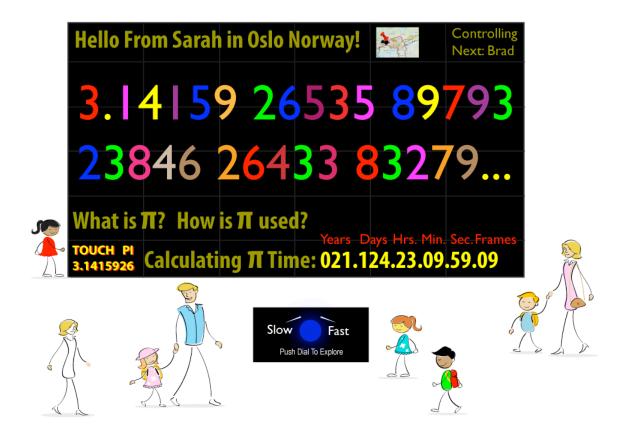# π

PI Video Wall
'Attention ALL Number Digit Geeks'

I am a middle school technology teacher and musician from Illinois.   Here is my dream:

I want to create a Calculating Wall of PI that will continue to Calculate PI, and display the digits, longer than I'll be on the planet. I want people from around the world to be able to control PI via the Internet, Mobile Devices, Tablets, Future Technologies, and for those close enough, be able to walk up and Touch PI   -Michael Droste

FOR MORE INFORMATION GOTO: PieceOPi.com

PROJECT OBJECTIVES:

Create *a Redundant System of at least three, Scientific Level Computers, with Error Correcting Ram, and individual Server Storage, along with cloud backup, all Calculating the Same Equation*

Create *free mobile apps for all platforms to control the PI Wall with a synchronized PI calculation broadcasting to their app (along with the PI calculated music)*

Create *1000 Wall Animated Templates that People locally or via the net can use to control PI*

Create *A Local Control Terminal for the PI Wall*

Create *Live Internet/App Controlled Webcams from Many Angles of the Space*

Create *a Base 10 Music System (numbers: 0,1,2,3,4,5,6,7,8,9) That will Play the 'PI Numbers' as it is Calculated (volume not to exceed normal conversation level)*

Create *hundreds of tasteful tones that People may choose to Play the PI Song (The Music can be sped up or slowed down -along with the calculation of PI- Via the app or the local control device)*

Create *Extensive Education Materials for those who want to explore PI - on the Big Screen - from the simplest form to the most cutting edge, post doctorate level, mathematician geeky. (PI will still stream and display on the bottom, but for those wishing to learn, they can use the giant wall as their computer screen.)*

ORGANIZATION BENEFITS AND RESPONSIBILITIES

Organization *will offer Free Space with Free Public Access to the Wall (University, Building, Sports Arena, State or Local Government)*

Organization *will be given the code for apps and continue to develop apps for new platforms with their co-branding ad on the app Example: PI Wall Sponsored by the University of Illinois (ad bar on apps and website)*

Organization *will add the latest education theories and research on PI to database*

Organization *will offer Free Electricity*

Organization *will offer Free Sufficient Internet/Computer Connection*

Organization *will be able to use the wall for special occasions, or other purposes.*
(for the higher public good - up to 250 events per year - as approved by committee - 3 chosen by the internet, 2 by the organization) Examples of Events: Educational Video Conferencing, Seminars, Lectures, Artisitc Lectures, Artistic Multimedia Shows, Movies, Famous Paintings/Sculptures in History, Special Culminating Sporting Events, Olympics, Space Missions.

Organization *will continue the stream of PI, it continues on a crawl, across the bottom of the screen, at all times. The crawl is locked to a specific speed (colors will vary). There will be a locked: "PI is calculating10/23rd power" (or whatever it is) followed by the stream of colored numbers. The music will continue on the app (if desired) during the event, but not locally.*

Organization *would broadcast these events, or whatever is shown on the wall, to the world via the app/internet/future technology.*

Organization *will create an ongoing Fund to replace broken screens, computers, or any other failures including upgrading computers, software, storage, speakers, screens, and equipment, to the latest technology (overseen by committee)*

RESOURCES PEOPLE & EQUIPMENT NEEDED:

Equipment Needed:
- 36 (or more depending on the space) 4K - 55" Screens
- Video Switching Extensive
- Cabling and Battery Back Up for the Calculating Computers
- Many Computers for Video Wall - loaded with multiple heavy duty video cards
- Video Wall Tubing Structure (aluminum) to mount screens
- Black Wall Construction around the entire sides and back to surround the video wall
- Plexiglass over the entire front (So that people can walk right up and touch PI)
- Local Controller Dial made of Brushed Aluminum on Black Granite with a pulsing blue LED from underneath the dial. The dial can be pushed to enter names, and view the educational component
- Audiophile Quality Speaker System - (to be clean, clear, soft)
- Web Camera System

Salaries, People Needed:
- Computer Programer specializing in redundancy with each system going to Amazon s3 backup - Programmer has to create a program to run for many years, (perhaps decades) constantly saving and checking the data between the 3 systems, and be able to continue the calculation upon a a planned stoppage or maintenance
- I will draw a salary and take off work to work on the various teams, direct, and coordinate development of the project
- Web Developer, creating and using a specified PI server at the organization
- Multimedia Developer
- Mobile App Developer
- Sign Programmer
- Video Consultant
- Construction Workers
- Electricians
- People to run the computer programs, run data checks, input new PI calculators as they become available

PLEDGE LEVELS *(PIE Levels)*

Pledge $50 or more Blueberry PI
Your name on the supporter webpage

Pledge $250 or more Pecan PI
Your name on the special supporter webpage

Pledge $500 or more Cherry PI
Your name on a separate wall by the machine and your name listed on a special webpage

Pledge $1,000 or more Apple PI
Your name on a contributor wall by the PI Video Wall and your name listed on a special webpage

Pledge $10,000 Strawberry PI
(200 Limited offer)
Your Name on a plaque on the side of the PI wall and your name listed on a special webpage

Pledge $100,000 Lemon Merengue PI
(20 Limited Offer)
Your name on a special plaque on the side of the PI wall and your name listed on a special webpage

Pledge $1,000,000 Key Lime PI
(1 Limited Offer)
Your name on the front of the PI Wall (3ft by 8 inches) and your name listed on a special webpage

OTHER DETAILS:

The sound of the base 10 numbers may be muted, at various times, to simply appreciate the passage of the digits. The music should never exceed conversation level, and indeed should be in the background.

Ideally, the atmosphere I would like to see, is a small coffee bar, casual chairs, small potted trees, and a water feature wall in the area. The coffee shop should certainly sell many types of pie. I want to see, and hear, a very inviting, calming, Zen destination place to use.

FOR MORE INFORMATION GOTO: PieceOPi.com

Upon completion, much of this I will oversee while alive.

Sincerely,

Michael Droste
Educator

PLEASE READ CAREFULLY

Disclaimer: This project requires a vast amount of funding $2,750,000 and an organization willing to take on the responsibility. The organization receives many advertising benefits, along with getting the attention of the world, and creating a multimedia, presentation outlet, for their organization.

There is every possibility that this won't come to fruition and your donation will be lost. I have every intention of completing the task.

I was able to write One Song Every Day for a year: OneSongEveryDay.com

I have made numerous websites and will also help to create the official PI Site: MichaelDroste.com

I have written many songs: SaveThePlanetSong.org and CubsSong.com

I have started a record company and have a recording studio to make the wall music: WindyTown.com

I have made apps on iTunes: 'Make Me Laugh' and 'TrumpetStudio' from TrumpetStudio.com

I am very determined.