

Demonstrations

From research to practice

@wendysadler
@scimadesimple





science made simple

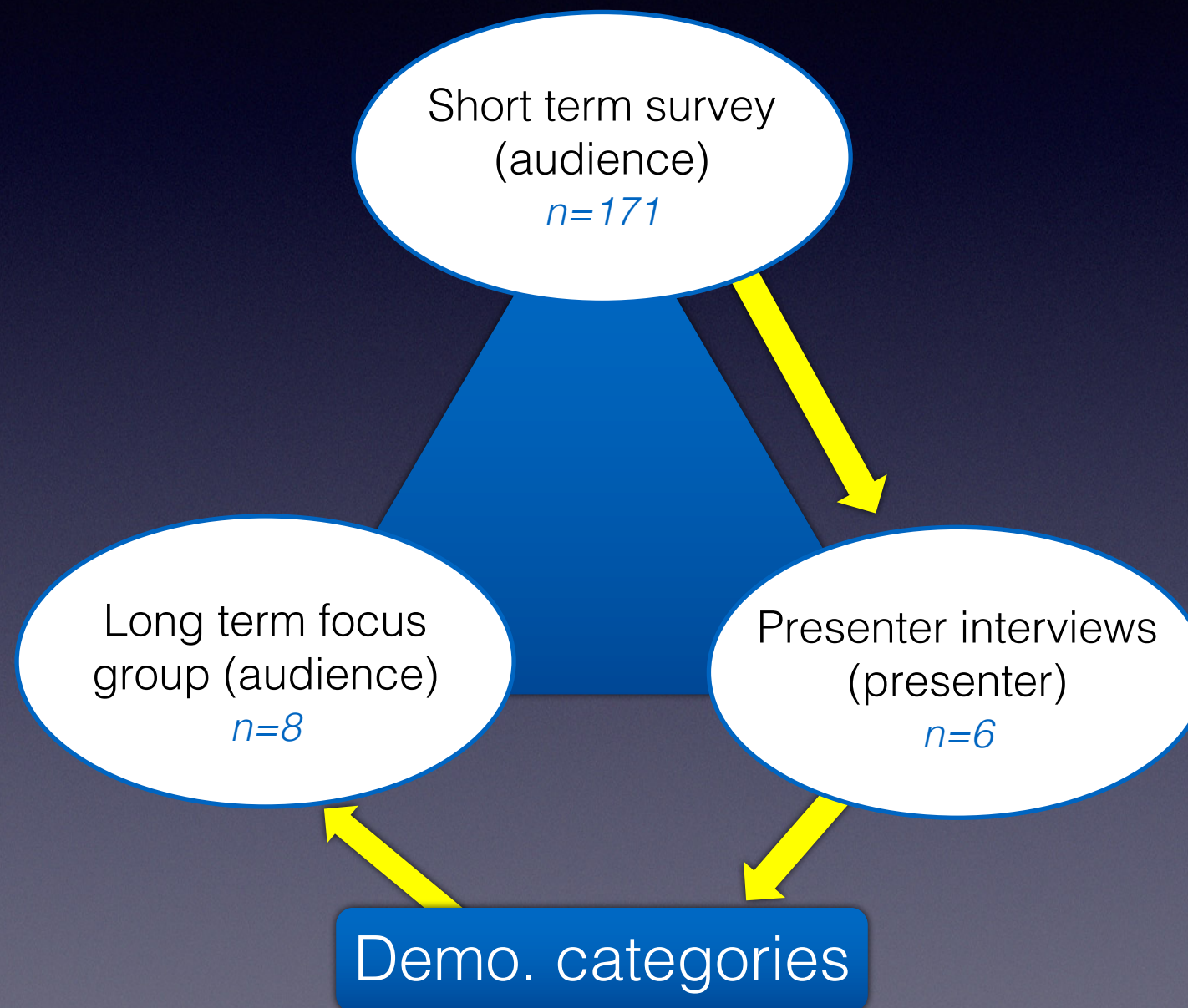
201606 1406 210616

MUSIC

TO YOUR EARS

 **The Story of Sound, Synths and CDs** 

Measuring the impact of demonstrations



Categories of demonstration

Code	Name	The audience...
C	Curiosity	are surprised
H	Human	interacts
A	Analogy	understands
M	Mechanics	contextualises
P	Phenomena	experiences

Demonstration categories

C **Curiosity**

Something weird
Unusual equipment
Counter-intuitive
Challenge to audience

eg: Clucking cup, theremin, thunder drum

Demonstration categories

H Human

A volunteer is used
Audience mass experiment
Individual self-learning
Humour with person

eg: Feeling voice vibrations, listening test, voice changer

Demonstration categories

A Analogy

Visual model of something invisible
Presenter body language models
Using physical models

eg: using oscilloscope to picture musical sounds

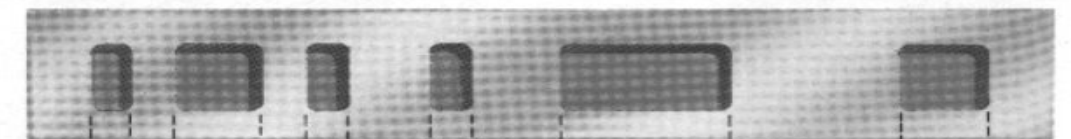
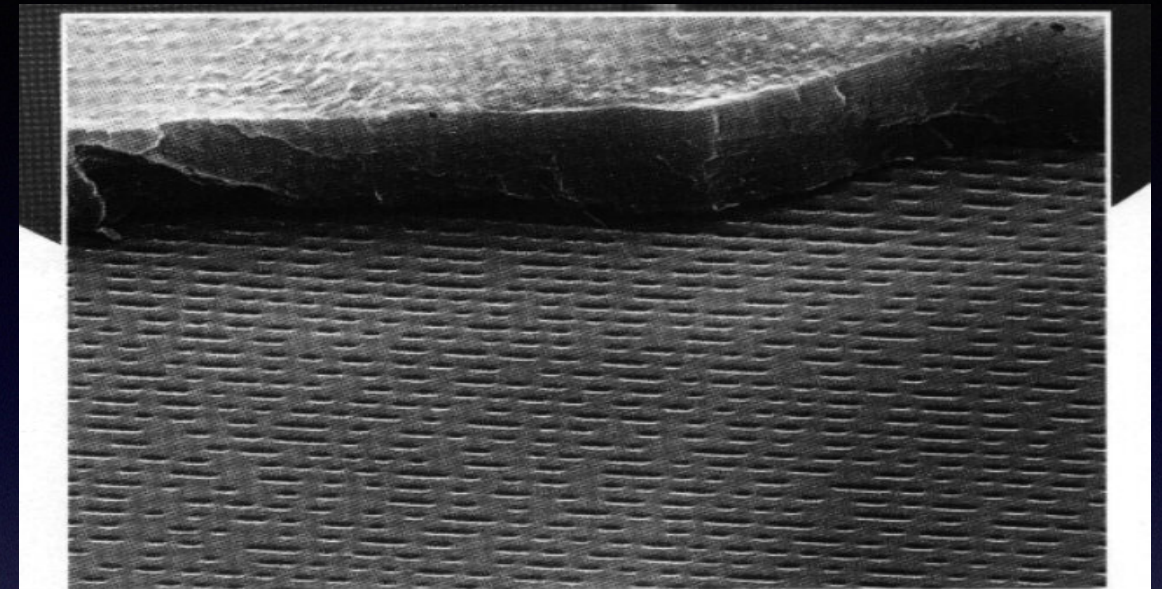
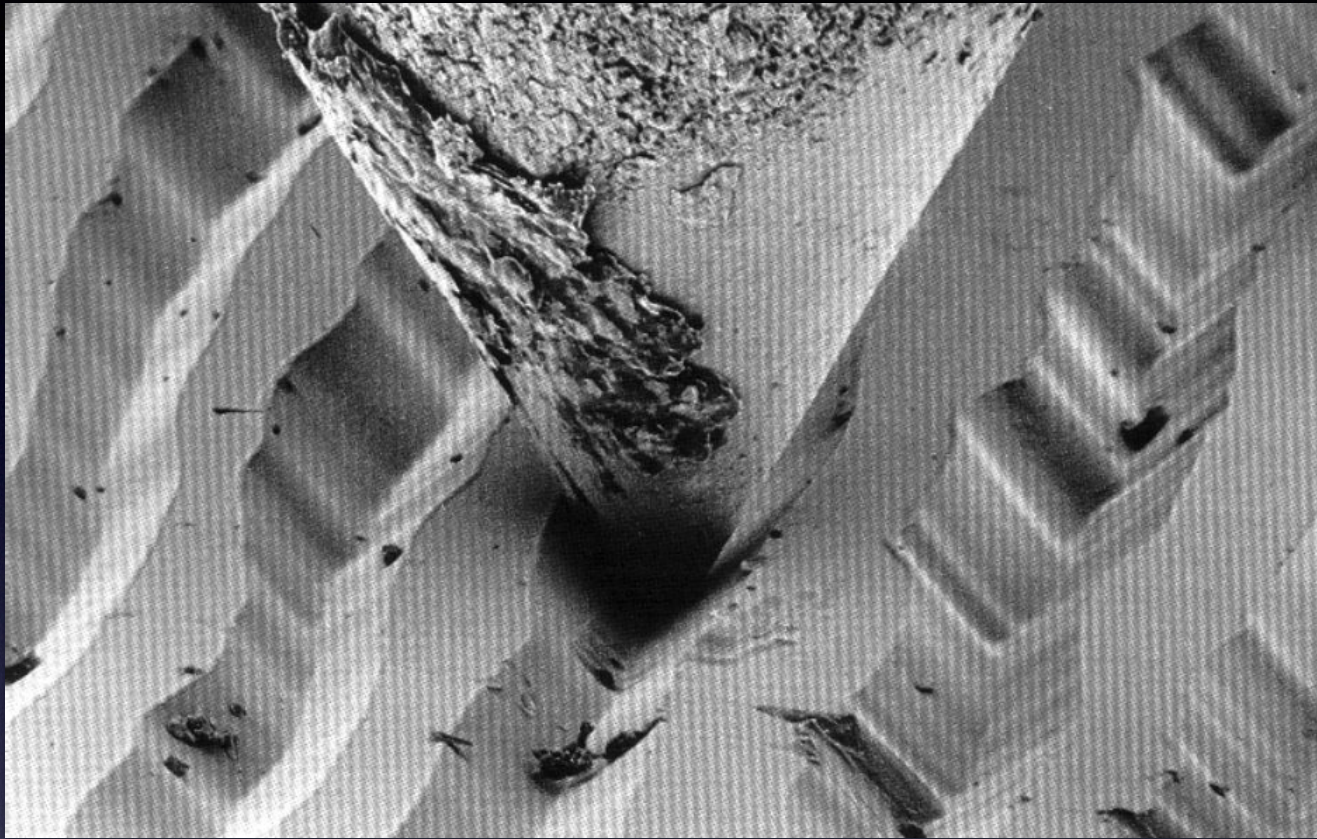
Demonstration categories

M Mechanics

How things work
Taking things apart
Understanding the technology

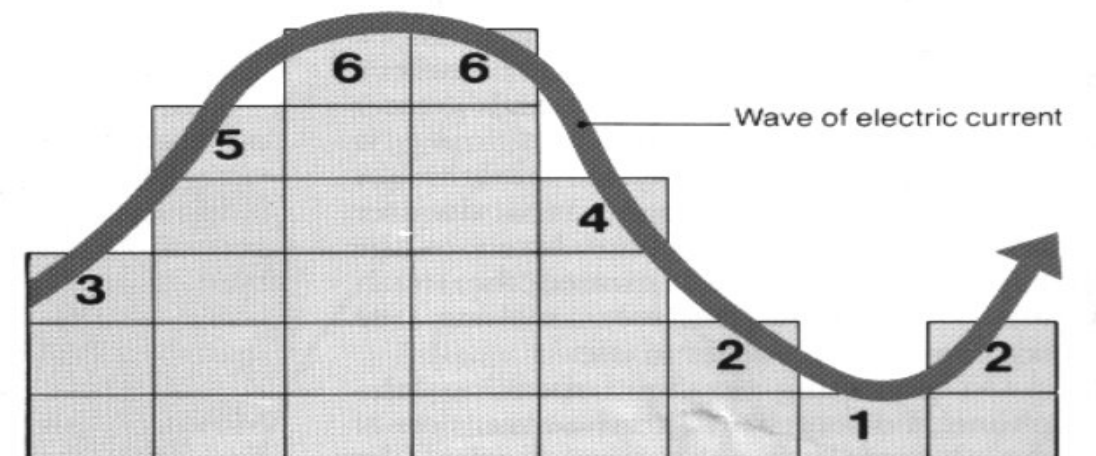
eg: How a CD stores music, needle in bucket record

M Mechanics



0 1 1 1 0 1 1 1 0 1 1 0 1 0 0 0 1 0 0 0 1 0 1 0

3 5 6 6 4 2 1 2



Demonstration categories

P **Phenomena**

Shows actual science phenomena
Demonstrates not explains

eg: standing waves on string, whirly tube

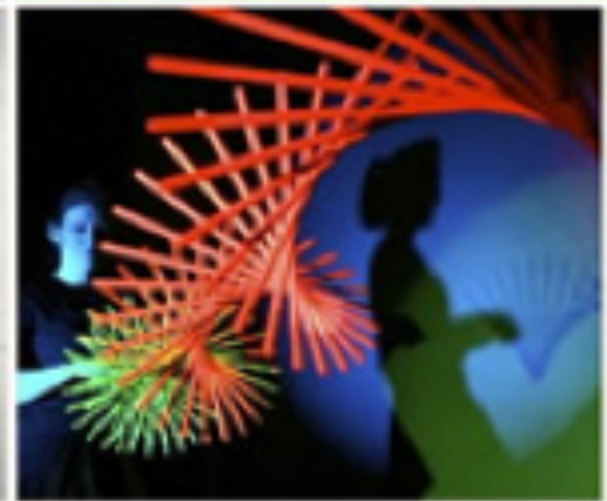
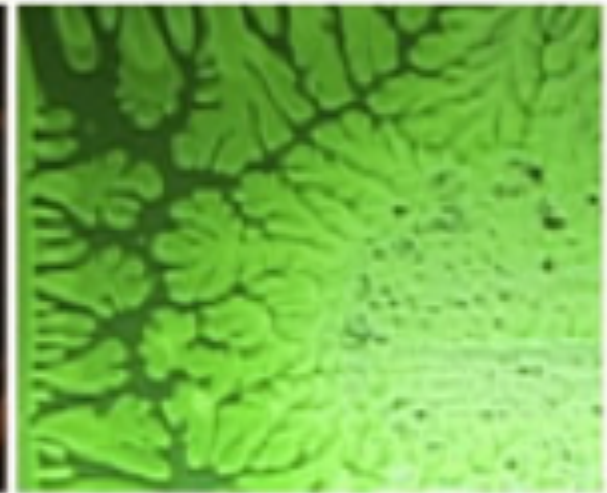
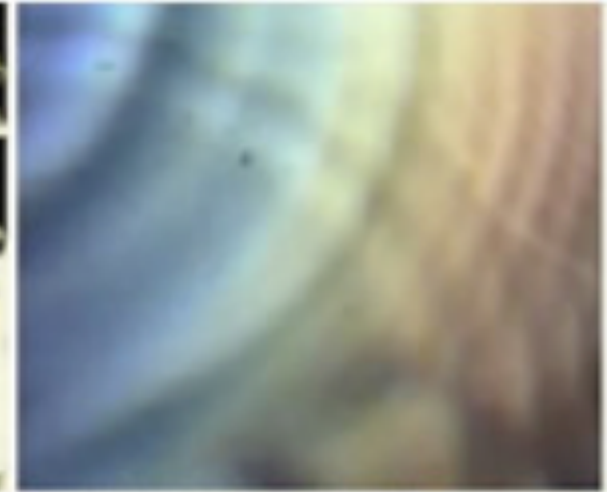
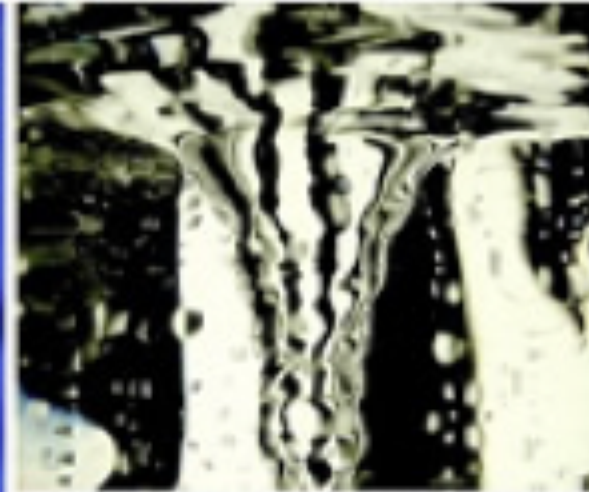


Measuring the impact of a science show

Audience short term (n=171)	Audience long term (n=8)	Professional presenters (n=6)
curiosity (33%)	curiosity (25%)	curiosity (50%)
human (25%)	mechanics (18%)	human (25%)
analogy (17%)	human (14%)	analogy (12.5%)
mechanics (17%)	phenomena (11%)	phenomena (12.5%)
phenomena (8%)	analogy (6%)	mechanics (0%)

visualise

the beauty of science





science made simple
presents

visualise

RELOADED

"an enjoyable and hypnotic show, mischievously presented
and skillfully combining multimedia effects with live science
to engage a wide audience" *Hairline*

"...thoroughly engaging" "Awesome!"

"It's like the Blue Man Group meets the
christmas lectures"



2.15pm 1-9, 18-22 Aug

12pm 10-17 Aug (Except 11th)

Box Office 07074 201313

venue 13, Lochend Close, Canongate

www.sciencemadesimple.co.uk/visualise

VENUE13

www.venue13.com



*"It's the science lesson children
will so enjoy, they'll never know
they've learned something."*

The Herald



*"It's not often children's theatre
truly inspires but this defies
anyone, no matter what their age,
not to stare in wonder at an
altogether different kind of
science class."*


THE SCOTSMAN



ШОФ

☎ 0687 888 700, ☎



бул. Скобелев
☎ 953 33 88, ☎

ЕС
СКЕЙТ / BMX /

ДОПЪЛНИТЕЛНИ ДОХОДИ

за СТУДЕНТИ и РАБОТЕЩИ



КРАСИВА НАУКА: ПРЕДСТАВЛЕНИЕ visualise

с.к. Красимирова изкуства



За какво са ти думите, когато можеш да визуализираш?

Влез в света на виртуелни горнада, огромни пръстени от пушек и танкуващи ладници. Има фокуси. Всичко става на живо. Забавна смесица от интерактивни експерименти и частотен уловственост. Никой не говори. Никой не разказва. Има думи. Шоуто е подготвено за всички възрасти.

Ела и направи своите собствени открития в

Малкия театър „М. Бинка“ 20 септември 11.00 ч. / 15.00 ч. / 19.00 ч.

Представленията са от 11.00 ч. и са подготвени за деца от 7 до 14 години. Възрастните са поканени да придружат децата си. Цената на билетите е 10 лв. и 15 лв.

Билет - с показ. За да получите своята билета, посетете www.britishcouncil.org/bulgaria

Проект: Красива наука в България
с подкрепата на Британския съвет



Национална агенция



КАПИТАЛ
ПРЕВНИК



science made simple

science made simple

Demonstrations

From research to practice

@wendysadler
@scimadesimple

