

Giving A Great Siggroph Talk

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The Big Ideas

Know Your Message
Stay Calm
Be Happy

My Purpose

Personal technique
Rules of thumb
Tips and tricks

Material

Preparation
Creation

Presentation

Preparation
Delivery

Material

Preparation
Creation

Presentation

Preparation
Delivery

Organizing

- Create non-linearly
- Deliver linearly

Know Thy Audience

- Background
- Biases
 - Theirs
 - Yours
- Think of one person

Starting and Ending

- Plan how to start
- Plan how to end
 - Write it out

Wrapping Up

- The “take-home message”
- Contact info

Material

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Language

- Simple
 - Keep it simple
- Write Fragments

Fonts

- Use big fonts
- Sans-serif
 - This is a serif font
- Simple is better
- High contrast

Layout

- Simple
- Less is more

Layout

- Too small text
 - Hard legibility
 - Nested text
 - Nested too deeply
 - Topics
 - Too many
 - » Too many hierarchies
- Too many lines
- Too much information

Code

```
for (yscan = center.y-radius; yscan < center.y+radius; yscan++) {
  scanPt.y = yscan;
  for (xscan = center.x-radius; xscan < center.x+radius; xscan++) {
    scanPt.x = xscan;
    index = GetIndex(&scanPt);
    dist = (delx * delx) + (dely * dely);
    if ((dist < innerRadius2) || (dist > outerRadius2)) continue;
    GetColor(index, &thisRGB);
    if (CompareRGB(&(seed->rgb), &thisRGB) != 1) {
      RadialBlockAngle(&center, &scanPt, rfd);
      RadialBlockRange(&center, &scanPt, &scanPt2, rfd);
      if (RadialCheckVisible(&center, &scanPt, rfd) == 1) {
        modAny = 1;
      }
    }
  }
}
```

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        modAny = 1;
      }
    }
  }
}
```

Code

```
Y loop {
  X loop {
    get the pixel
    if (close to start) {
      RadialBlockRange(...)
    }
  }
}
```

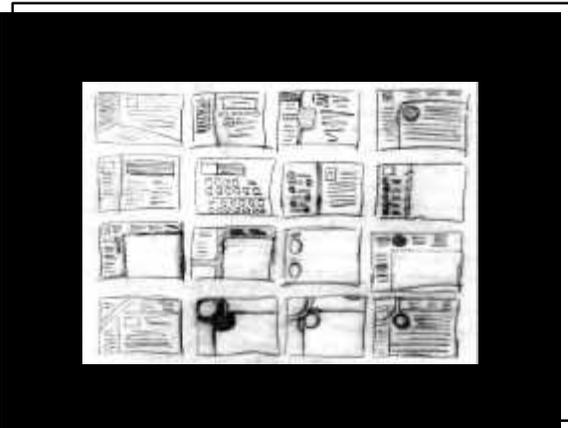
$$\begin{aligned}
L(r, \bar{\omega}, \lambda, \omega, t) = & \rho(r, \bar{\omega}) \left[L^*(\bar{\omega}, \bar{\omega}, t, \lambda) \right. \\
& + m_p(\bar{\omega}) \int_{-\infty}^t d(t-\tau) P_1(\bar{\omega}, \lambda) \int_{\bar{\omega}_1} L(\bar{\omega}, \bar{\omega}', \lambda, \omega, \tau) \cos \theta' d\bar{\omega}' d\tau \\
& + \int_{\bar{\omega}_1} f(\bar{\omega}, \lambda, \bar{\omega}' \rightarrow \bar{\omega}) \int_{\bar{\omega}_2} P_2(\bar{\omega}, \lambda' \rightarrow \lambda) L(\bar{\omega}, \bar{\omega}', \lambda', \omega, t) d\lambda' \cos \theta' d\bar{\omega}' \Big] \\
& + \int_0^{h(r, \bar{\omega})} \mu(r, \bar{\omega}) \left[L^*(\bar{\omega}, \bar{\omega}, t, \lambda) \right. \\
& + m_p(\bar{\omega}) \int_{-\infty}^t d(t-\tau) P_1(\bar{\omega}, \lambda) \int_{\bar{\omega}_1} L(\bar{\omega}, \bar{\omega}', \lambda, \omega, \tau) \cos \theta' d\bar{\omega}' d\tau \\
& + \int_{\bar{\omega}_1} f(\bar{\omega}, \lambda, \bar{\omega}' \rightarrow \bar{\omega}) \int_{\bar{\omega}_2} P_2(\bar{\omega}, \lambda' \rightarrow \lambda) L(\bar{\omega}, \bar{\omega}', \lambda', \omega, t) d\lambda' \cos \theta' d\bar{\omega}' \Big] d\bar{\omega}
\end{aligned}$$

Math

$L = (M+V) [L^e + PAL + KFL]$

Slide Formats

- Prepare a master format
- Stick to it



Color

Do Not

- Use red on blue
- And then add drop shadows
- With fancy fonts
- AND ALL CAPS

Do Not

- Use blue on red
- And then add drop shadows
- With fancy fonts
- AND ALL CAPS

LOGOWARE

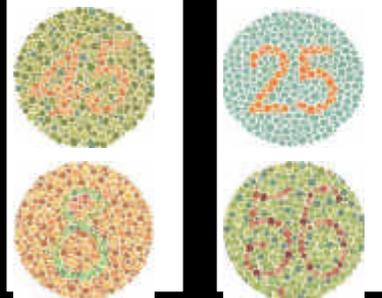
- Use delicate serif fonts
- And then add drop shadows
- Or other effects
- AND THEN ALL CAPS
- AND **PUNCTUATION!!!!!!!

Red on Blue
Red on Blue
Red on Blue
Red on Blue

Blue on Red
Blue on Red
Blue on Red
Blue on Red

Color Blindness

- Invisible contrasts



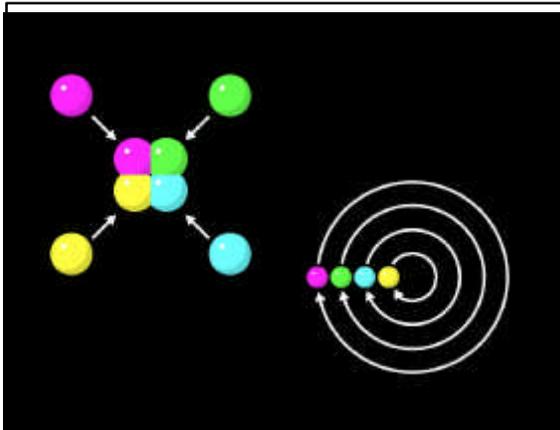
Invisible to
Red-Green Color Blind

Visible to all

You must **not**
cross the beams!

Use color

- Unify
- Distinguish
- Highlight

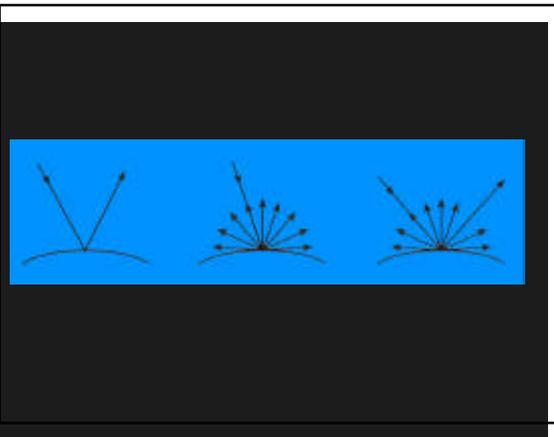


Emphasis

- Sparingly
- An *italic* word stands out
- You can **stress** with color
 - Use subheads

Images

- Spice
- Interesting
- Other side of brain



Do not

- Use thin lines



- Use short lines
- Like this Or this

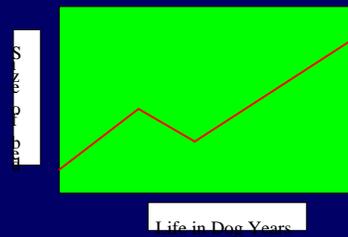
Tiny Arrowheads



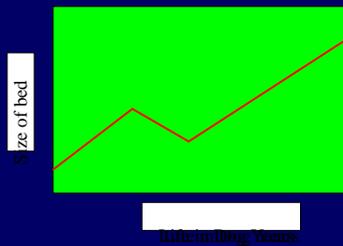
Tiny Arrowheads



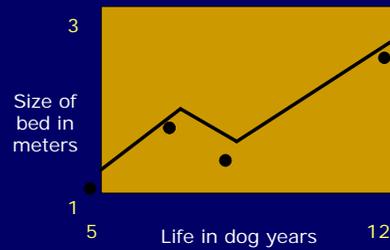
Text Layout



Sideways Text



Imaginary Data



Safe Areas

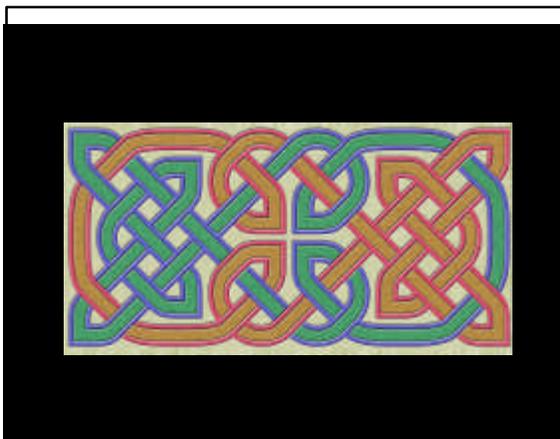
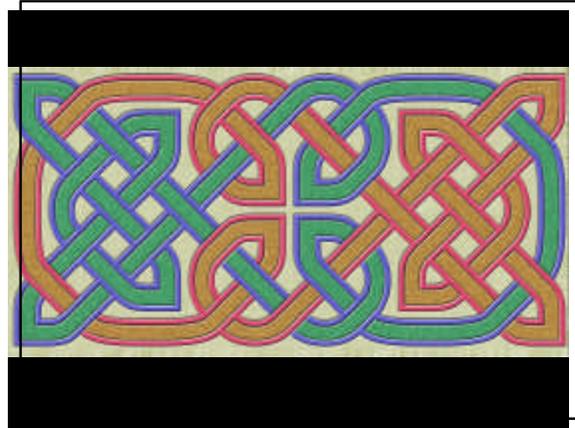
- Practice Safe Text

Not safe

Safe Area

Not safe

Enlarge With Care



Use Gimmicks Sparingly

- They are easily abused
- Corny
- Distracting
- Hard to ignore
- Slow you down

Getting Started

- Who I am
- Why I'm here
- Why you care
- Eat dessert first!

Stop Slide

- Hold: email, web
- Black

Be Succinct

- Short
- To the point
- Clear

Care

- Caesar's staplegun
- Fish, space, and ????
- "Howl of the Wolf" (1960?)

Consistent Lists

- Bread
- butter
- EGGS
- Milk And yogurt
- breakfast Cereal

Look for Line Breaks

Legibility is our most valued
criterion

Every detail is checked twice

Slide Numbering

- On the mounts
- Invisible



Visual Sorbet



Branding

- Great for identification
- Very visible



Logos

- Continuity
- Reminders



Logos

- Repetitive
- Takes up room



LOGOTRON LOGOTRON LOGOTRON

The Logo Slide

- Some stuff
- You don't want to read
- Brought to you
- By Logotron!

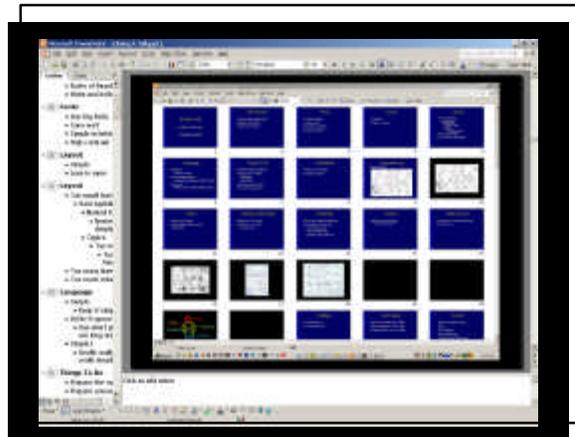
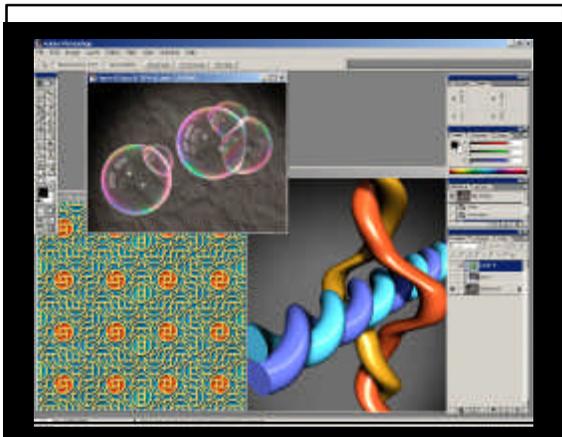
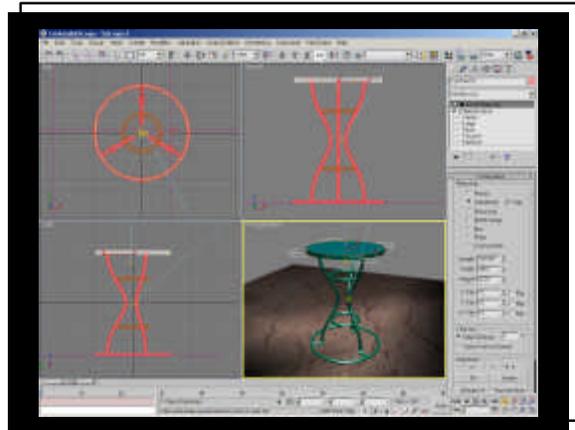
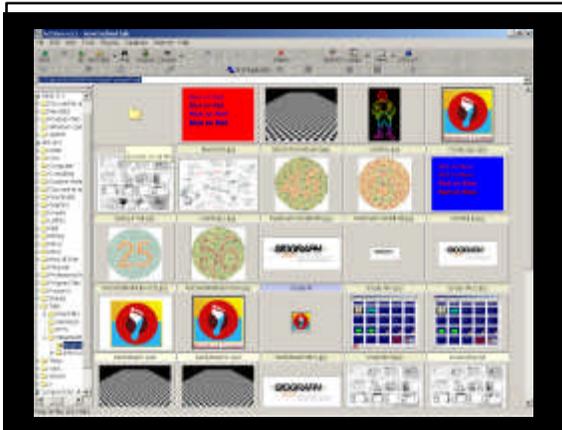
LOGOTRON LOGOTRON LOGOTRON

LOGOTRON LOGOTRON LOGOTRON

Naming Conventions

Checker Red
Checker Blue

Red Checker
Blue Checker





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Weeklong Countdown

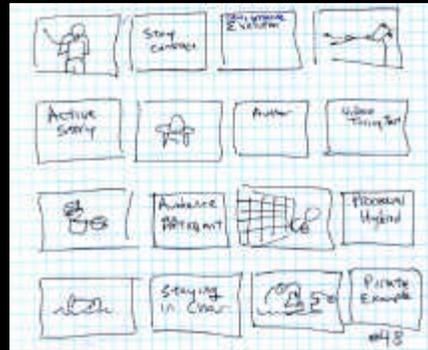
- Practice
- Get haircut
- Plan wardrobe
- Make backup media

Practice

- Audience
 - Harsh but sympathetic
- Number revised files
- Breathing
- Recovery trigger
 - Koans

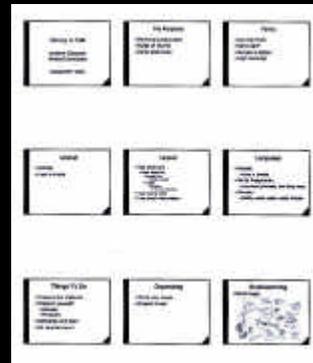
Review

- Write out all slides
–The night before

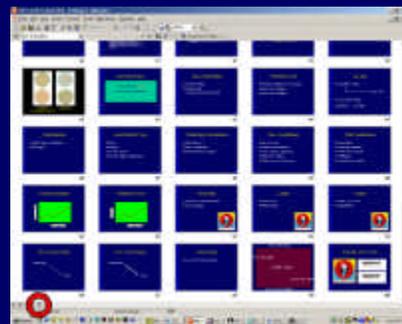


Talk Notes

- Simple
- Numbered
- Reminders
- Figures, dates, numbers



Learn the shortcuts!



Timing

- Rehearse
- Mark your notes
- Keep an eye open
- Analog or digital?

Talk Sources

- Burn CDs
 - Backup!
- Install at podium
- Upload

Alternate Media

- Prepare for crashes
- Powerpoint
 - Slides
 - Overheads

Transporting Media

- Hand-carry your slides
- Not:
 - FedEx, checked bags, email

Videos

- Edit! Edit! Edit!
- Cue up one tape
- If many tapes:
 - Number and cue
 - Get help
- Video rather than demo?

Prepare Checkpoints

- Remember Julia Child!

Sleep!

- Get enough sleep!
- Reaction times
- Handling surprises
- Poise

Day Countdown

- Go to room
- Check out podium
- Get used to lighting
- Meet A/V folks
- Check your hardware



Be Comfortable

- Comfy shoes
- Fresh shirt
 - Change just before talk

Talking Sequence

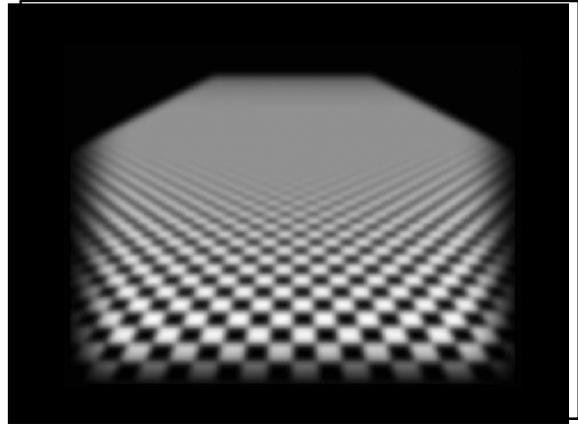
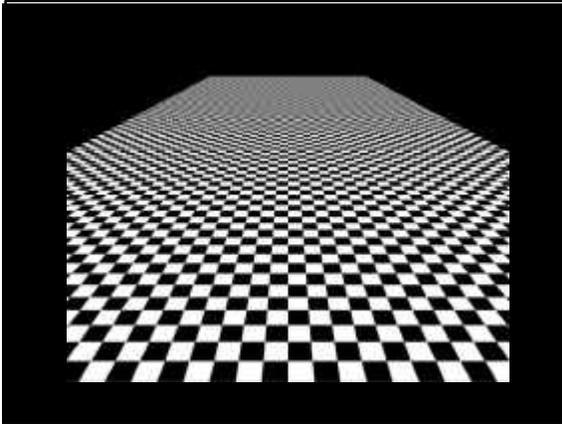
- After lunch
- Other speakers
- What's come before

Last-Second Changes

- Very risky
- Very powerful

Understand A/V Needs

- Slide design
- Projector types
- Talk about unusual stuff



Demos

- Prepare for disaster
- Check hardware and software
- Cue tapes

Talk Countdown

- Re-check
- Change clothes
- Bathroom break
- Caffeine
- Breathing routine



Caffeine

- A nice boost
- What goes up...

Carbonation

- Soda, pop, sodapop
- Hiccups!

Avoid Mouth Toys

- Gum
- Candy
- Cough drops
- If sick, take medicine!

Badges

- Take off shiny badges!

Deep Breathing

- Focus and control
- Oxygen
- Body awareness



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Breathing

- Pre-talk deep breathing
- Breathe consciously
 - During the talk
 - During questions
 - When you're nervous

Calming

- Use calming techniques

Stage Fright

- Rehearse and plan
- Expect nerves
- Starting lines
- Focus on the moment

Microphones

- Podium mikes
- Lav mikes
 - Hidden
- Handheld mikes

Pointers

- Very infrequently
- Check the setup
- Practice

Common Wisdom

- The underwear trick
- Pick one person
- Perform
- Memorize verbatim

Don't Read

- Don't narrate the slides
- The audience can read
- Faster than you can talk



Demos

- Backup plans
- Know when to quit
- Have a backup helper

Look Up and Out

- Look at the audience
 - Not the computer
 - Not the screen

Getting Lost

- Uh-oh...
- I, umm, uh...

Recovery

- If you disconnect,
 - Stop
 - Breathe
 - Go

Interruptions

- State policy up front
- Enforce it

Questions

- Good questions
 - Short, direct
- Bad questions
 - Diatribes
 - “Mr. Microphone” Syndrome
(thanks Lee Westover)

Confrontations

- Handling aggression
- Wrestling with pigs
- Teaching a lesson
- Stepping aside

Improvising

- Going off-plan
- Referring to previous, last

Timing

- Cut, don't rush
- Stopping early is OK



In Conclusion

Know Your Message
Stay Calm
Be Happy

Thank you!

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