



**Live Interactive Virtual Explorations (LIVE) and Technology Transfer
WORKSHOP
Agenda**

November 1, 2011 – Day One – Santa Margarita Ecological Reserve – North Station

8:00am-8:30 Susan Teel Kim Bruch	Coffee and Introductions Collect homework and pre-tests
8:30am-9:30 Susan Teel	Overview of Workshop -Review Agenda Introduction to Sea to Shining Sea LIVE NPS Call 2 Action 16 & 17 DOI rules awareness (hand-out) Why use distance education? Bring the Parks to people and Pre-field trips
9:30am-10:00 Rick Jenkins	LIVE demo from CABR lighthouse
10:00am-10:30 Pablo Bryant	Weather station and sensor in bucket demo
10:30am-11:00 Mike Maki	Low cost webcams and examples
11:00am -11:30 Jim Hale	SYSTEMS BASICS – Vocabulary for the workshop: wireless system planning, LoS, power (electric, solar), access points, sensors
11:30am –noon Hans-Werner Braun	SYSTEMS EXAMPLES - Network system basics, HPWREN, Cabrillo Net, SMER Net
12:00 pm-2:00	LUNCH at Gorge (Pizza) and informal Q&A session
2:00pm-2:30 Mike Maki Kevin Schallert	ROV and underwater camera in the River
2:30 pm – 3:00 pm Instruction Team	Review example maps of distance education systems
3:00pm-4:30	Question and Answer Session
4:30pm-5:00 Susan Teel	<u>Homework assignment</u> (Draft a PMIS project statement to seek NPS funding for distance learning at home site which includes project description (one paragraph), project justification (one paragraph), and measurable results (one paragraph)
5pm	Adjourn - SMER LODGING AT HENDERSON HOUSE

November 2, 2011 – Day Two – Cabrillo National Monument Auditorium

8:00am -9:00am Susan Teel	Introduce the day's agenda Collect and review PMIS homework; Discuss homework - ask questions about the homework
9:00 am -10:00 Susan Teel	Use of hard-wire (300ft) to connect to Internet Q&A regarding hard-wire set-up
10:00 am-11:00 Jim Hale	How to configure, install, and secure wireless access point- and 3 access point purchasing options Q&A regarding wireless access points
11:00 am-11:30 Pablo Bryant	Power challenges in remote areas (generator, UPS, batteries, solar powered options) relevant NPS resources such as LE, resource mgt, etc Q&A regarding power and other relevant issues
12:00pm-1:00	LUNCH outdoors in circle area
1:00pm-2:00 Jim Hale Susan Teel	How to assemble the LIVE backpack and demo (discuss audio, video, lighting, software (WebEx and Skype), multiple cameras, pre-LIVE packages for audiences (e.g., maps/brochures, tactiles, travelling trunks)
2:00pm-3:00 Instruction Team	Break into teams of 4-5 persons HANDS-ON: Assemble backpacks (including connection to access point, use of generator, etc).
3:00pm-4:45 Instruction Team	Roving Q&As - tidepools and lighthouse – Bring backpacks to both locations - teams connect at each location
4:45pm-5:00 Susan Teel	Homework assignment - Each of 6 teams plan a LIVE session for Thursday - considering audio, video, etc; each team lists obstacles regarding making these types of activities work at their sites – Distribute LIVE Backpacks
5-7pm	Group DINNER IN SAN DIEGO BEFORE DRIVING BACK TO SMER

November 3, 2011 – Day Three - Cabrillo National Monument Auditorium

8:00am-8:30 Susan Teel	Introduce day's plan Pass out LIVE program evaluations for each of 6 short programs
8:30am-9:00	LIVE session prep by each team (5-6 people per team)
9:00 am-10:00 Jim Hale Rick Jenkins	2 teams go to tidepools. Each team will broadcast a 10 minute LIVE programs to auditorium participants (who will fill out surveys regarding audio/video/etc).
10:00am -11:00 Pablo Bryant Bob Munson	Shift teams 2 teams return from tidepools 2 teams go to lighthouse Each team broadcasts a 10 minute LIVE programs to the groups in the auditorium.
11:00am-12:00 Kevin Schallert Jason Richards	Shift teams - two teams return and 2 other teams go to statue and broadcast two 10 minute LIVE programs to auditorium
12:00 pm-12:30	Teams return from statue for discussion of the programs that just took place
12:30pm-1:30pm	LUNCH at circle
1:30pm -3:00 Kim Bruch	Q & As, Complete workshop evaluations and post-tests Backpack distribution
3:00 pm	WORKSHOP ENDS Instruction team will remain on site to provide more detailed technical support for specific parks.
5:00 pm	GOODBYE