

HIGH PERFORMANCE COMPUTING WORKSHOP

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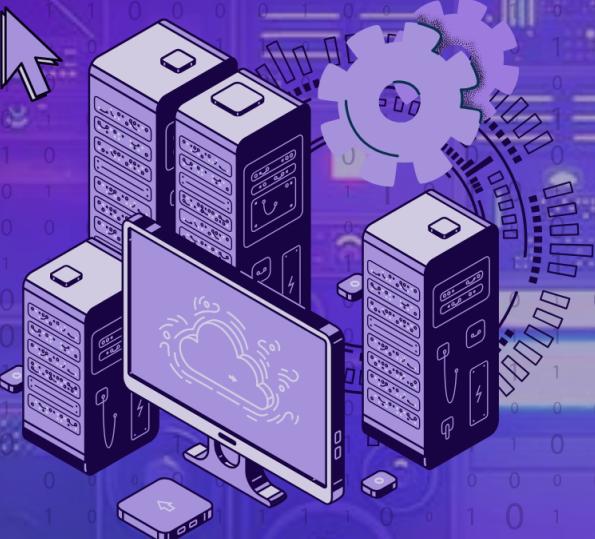
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HIGH PERFORMANCE COMPUTING WORKSHOP

THEME: SCF WORKSHOP ON MASTERING THE BASICS OF
UNIX/LINUX FOR HIGH-PERFORMANCE COMPUTING

JOIN US ON



PROGRAM MASTERING THE BASICS OF UNIX/LINUX

8:00 AM COFFEE AND REGISTRATION

8:30 AM OPENING REMARKS
DR. RAVELINA R. VELASCO
CLSU, VPAA

8:40 AM WORKSHOP INTRODUCTION
DR. AMOR A. SAN JUAN
CLSU, Head of SCF

- Workshop objectives and agenda
- Expectations for hands-on activities

9:00 AM UNIX/LINUX SYSTEM

MR. AMIR LEDESMA
CLSU, Dept. of Information Technology Faculty

- What is unix/linux?
- Brief history and significance
- Key features and advantages.

9:40 AM BREAK AND NETWORKING

10:00 AM BASIC COMMAND LINE IN LINUX
MR. RYAN BERMOZA
CLSU, Dept. of Information Technology Faculty

- Accessing the terminal
- Essential commands: 'ls', 'pwd', 'cd', 'mkdir', 'rm'
- Viewing file content with 'cat', and 'less'
- Editing text files with 'nano'
- File permissions: 'chmod' and 'chown'

11:00 AM FILE PERMISSIONS & OWNERSHIP
DR. AMOR A. SAN JUAN
CLSU, Head of SCF

- In-depth explanation of file and directory permissions.
- Changing permissions and ownership using chmod and chown.
- Understanding the significance of user, group, & other permissions.

PATRICIA ANNE MARTINEZ
Master of Ceremony

PROGRAM MASTERING THE BASICS OF UNIX/LINUX

12:00 PM LUNCH

1:00 PM SHELL SCRIPTING
DR. NEMESIO A. MACABALE, JR.
CLSU, Head of ISI

- Introduction to shell scripting and scripting languages (e.g., Bash).
- Writing and executing basic shell scripts.
- Using variables, loops, and conditionals in scripts.

2:00 PM HANDS-ON LINUX WORKSHOP

- Practicing execution of commands
- File manipulation in Unix/Linux
- Documentation and online resources

3:00 PM PRESENTATION OF OUTPUTS

4:00 PM HIGHLIGHTS OF THE TRAINING WORKSHOP

4:10 PM CLOSING REMARKS & AWARDING OF CERTIFICATES
DR. KHAVEE AUGUSTUS W. BOTANGEN

CLSU, Head of DIT

PATRICIA ANNE MARTINEZ
Master of Ceremony

