## *version 9.1*

Contents:

- *Transportation to 64-bit Windows: why, how?*

- *Actual Installer 3.4*

- *User agreement*

- *Install, Run, Uninstall*

- *Working directories*

- *Working with Windows Server 2003 (2008)*

- *Acknowledgements*

Setup - LISE++ 9.1

Welcome to the LISE++ Setup Wizard

This will install LISE++ 9.1 on your computer.

Please close all LISE++ applications before continuing.

Click Next to continue, or Cancel to exit Setup.

Next >   Cancel

**The code operates under MS Windows environment and provides a highly user-friendly interface.
It can be freely downloaded from the following internet addresses:**

WinZip Self-Extractor

Could not run SETUP.EXE.

OK

- The previous installer couldn't run in 64-bit Windows OS

- Looking for a new installer

- Some unexpected computer pending and other stuffs then working with "open" version in 64-bit Windows

- Windows 7 requirement : do not work in the "program files" directory

- Debugging, Elimination of these problems sources; Optimization for fast, effective, and error-free performance

- Modifications of array initializations, creation of new classes, etc

- Optimization "Setup redraw request" process (interruption by time to redraw the "Set-up window")

- Optimization of processes waiting an interruption from a key pressing

- Transportation of all user activity to the "My Documents" directory
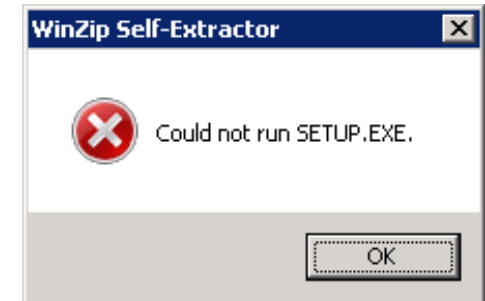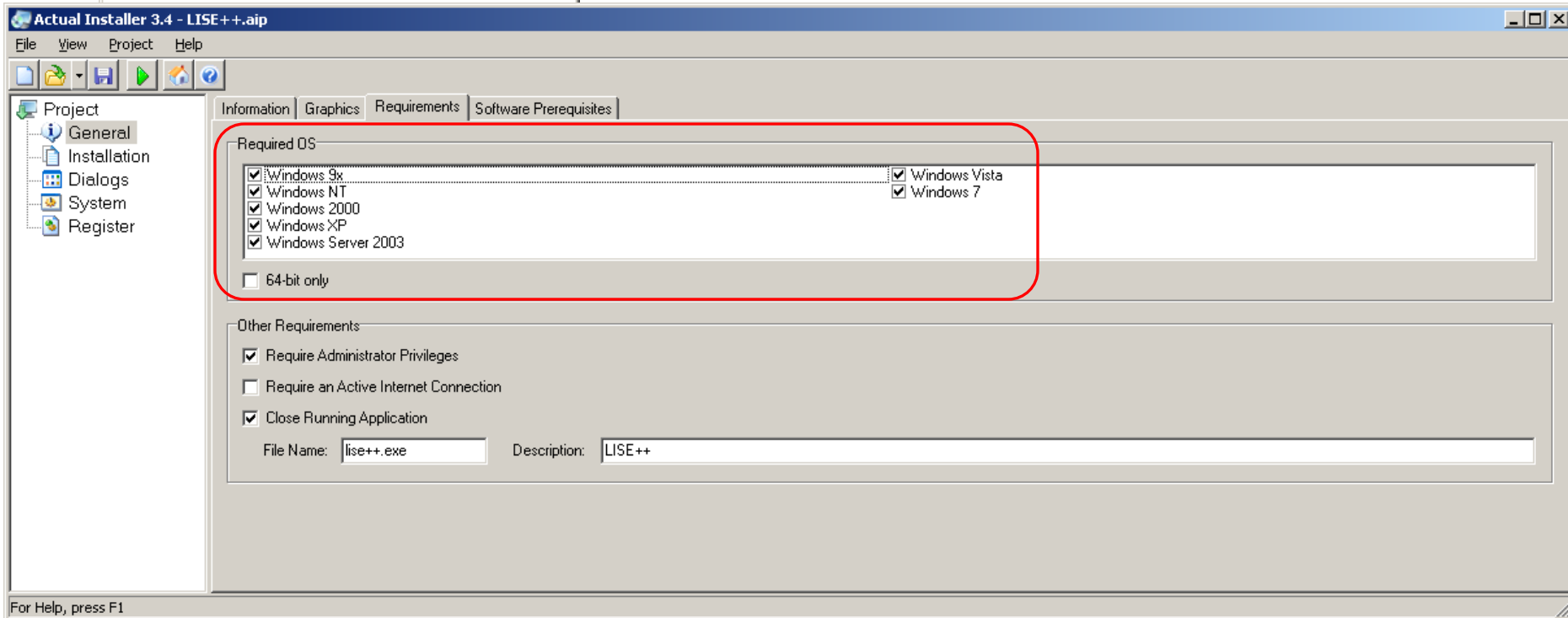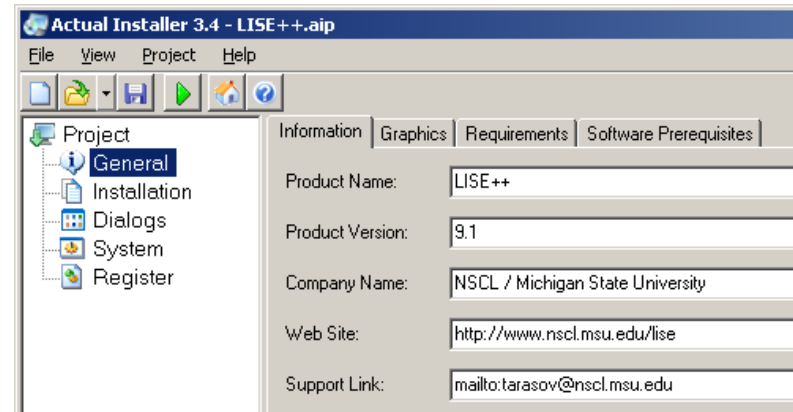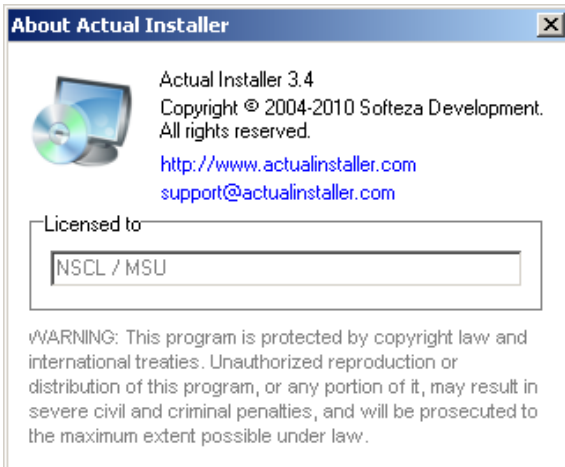
The new installer requires to accept the User agreement to complete the LISE++ installation process.
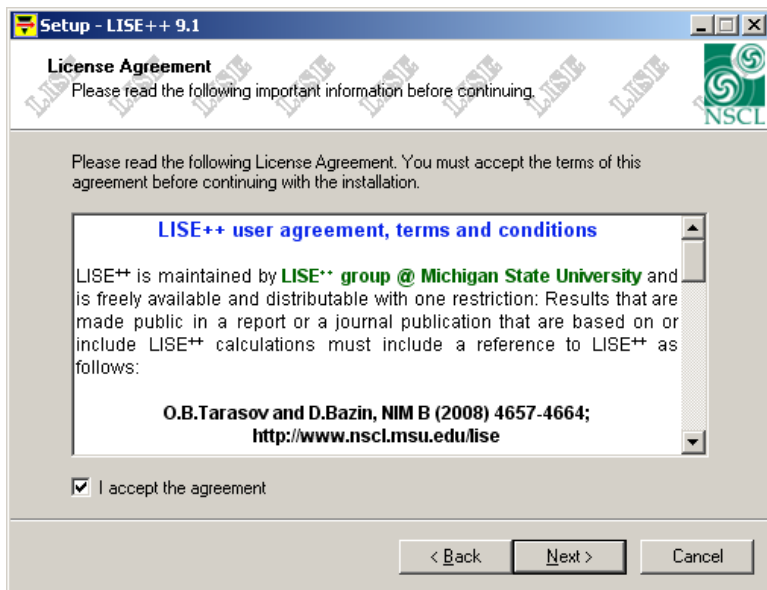
LISE++ user agreement, terms and conditions

LISE++ is maintained by **LISE++ group @ Michigan State University** and is freely available and distributable with one restriction: Results that are made public in a report or a journal publication that are based on or include LISE++ calculations must include a reference to LISE++ as follows:

O.B.Tarasov and D.Bazin, NIM B (2008) 4657-4664; http://www.nscl.msu.edu/lise

Registered users will automatically receive information about new versions, new features, and documentation. Any errors detected in LISE++ should be reported; other comments and remarks to improve its performance are also appreciated.

You are hereby allowed to make any number of copies of the SOFTWARE PRODUCT and its documentation. You may give a copy of the SOFTWARE PRODUCT to anyone. You may not sell, modify, decompile, disassemble the LISE++ code. Any such unauthorized use may result in criminal and/or civil prosecution.

The authors of this program do not guarantee the accuracy and/or usefulness of the results obtained with this program. Its output is strongly dependent on the input given by the user, therefore the confirmation of the correctness of all results is the responsibility of the user.
The LISE++ development group does its best to keep LISE++ free of errors, but no warranty of any kind is expressed or implied. The LISE++ group will not be liable for data loss, damages, loss of profits or any other kind of loss while using or misusing this SOFTWARE PRODUCT.

Installing and using the SOFTWARE PRODUCT binds the user to the acceptance of these terms and conditions of the license. If you do not agree with the terms of this license, you must remove the SOFTWARE PRODUCT files from your storage devices and cease to use the SOFTWARE PRODUCT.
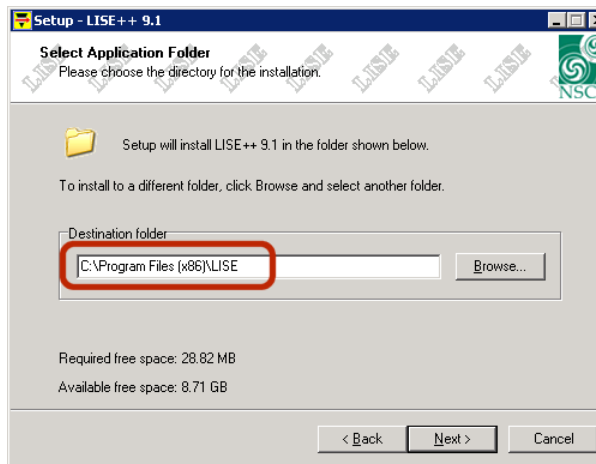
Official LISE++ web site: http://www.nscl.msu.edu/lise

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National Superconducting Cyclotron Laboratory @ Michigan State University.USA
All rights reserved.
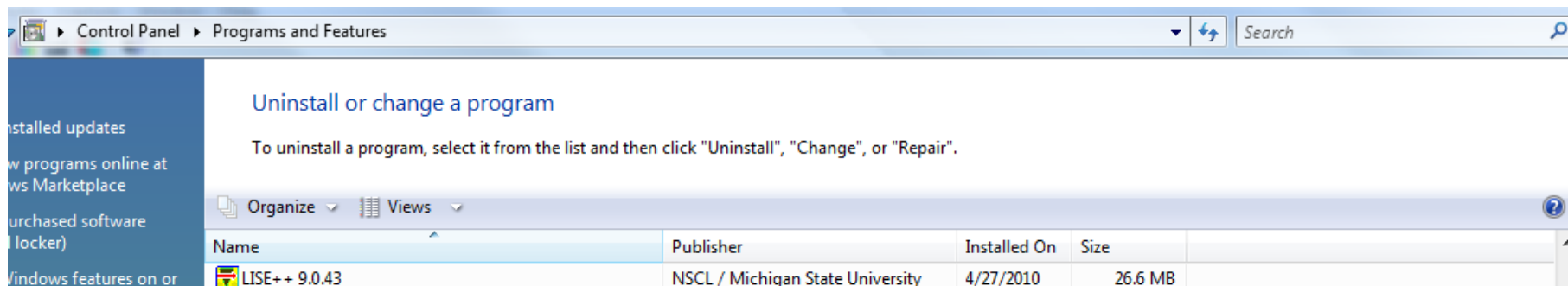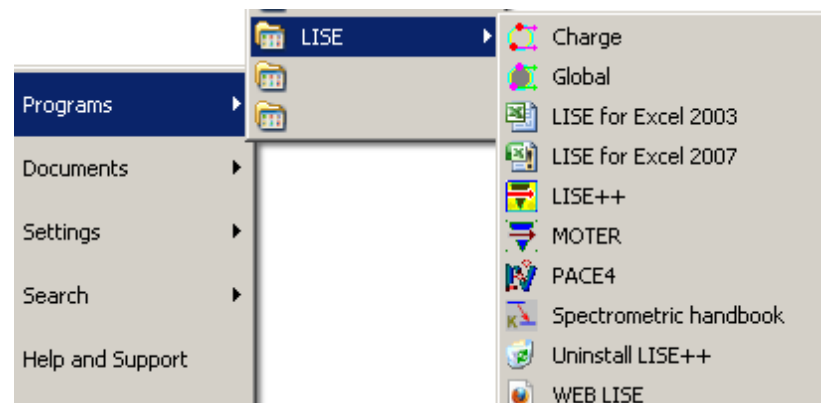
The installer requires
Administrator Privileges!

LISE++ is still 32-bit program, therefore the installer will propose the "Program Files (x86)\ LISE" folder for installation.

Setup - LISE++ 9.1

Select Application Folder
Please choose the directory for the installation.

Setup will install LISE++ 9.1 in the folder shown below.

To install to a different folder, click Browse and select another folder.

Destination folder
C:\Program Files (x86)\LISE   Browse...

Required free space: 28.82 MB
Available free space: 8.71 GB

< Back   Next >   Cancel

New version. Overwrite LISE++ package files?

New LISE++ version has been installed in this computer.
Do you want to replace already existent LISE++ package files in the "My Documents"
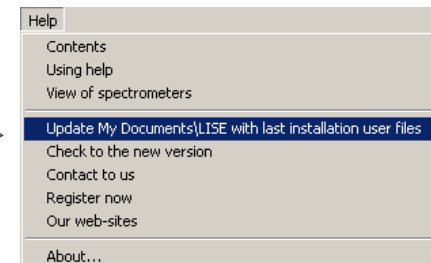
Yes   No   Cancel

The user working directory is "My Documents\LISE"

If this directory is absent for a current user, then LISE++ automatically creates it, and copies user files (see the next slide) from the LISE++ package (which can be modified by user) to the new directory.

If the "\user\My Documents\LISE" directory already exists, but it has been created by the previous LISE++ version (different first or second level 001.002.***), then the user will get message to copy LISE++ user files from the "Program Files" directory.

Also the user can manually upload "My Documents\LISE" files with last installation user files (menu "Help").

Request has been completed

109 files have been copied to the directory
\user\Documents\LISE\

OK

Help
Contents
Using help
View of spectrometers   ▶
Update My Documents\LISE with last installation user files
Check to the new version
Contact to us
Register now
Our web-sites   ▶
About...

initial content of the "My Documents \ LISE" folder

bin		
bin	discovery.iso	
bin	hfb17.lme	
bin	hfb8.lme	
bin	hfb9.lme	
bin	ktuy.lme	
bin	table.iso	
bin	user_mass_excess_2003.lme	
bin	user_mass_excess_TUYY.lme	
bin	user_ME_AME2003+Jurado2007+O.lme	
bin	user_ME_AME2003+Jurado2007.lme	
calibrations		
calibrations	A1900	
calibrations	A1900	A1900_D1-Z026.cal
calibrations	A1900	....
calibrations	FLNR	
calibrations	FLNR	FLNR_M5.cal
calibrations	FLNR	....
calibrations	GSI	
calibrations	GSI	FRS_D1.cal
calibrations	GSI	....
calibrations	LISE	
calibrations	LISE	LISE_D3.cal
calibrations	LISE	...
calibrations	MASHA	
calibrations	MASHA	m1.cal
calibrations	MASHA	....
config		
config	Dubna	
config	Dubna	Acculinna.lcn
config	Dubna	COMBAS.lcn
config	Dubna	Dubna_GFS.lcn
config	Dubna	MASHA.lcn
config	Dubna	MSP144.lcn
config	Dubna	Vassilissa.lcn
config	GANIL	
config	GANIL	Alpha-D2.lcn
config	GANIL	Alpha.lcn
config	GANIL	CAVIAR_10mbar.lcn
config	GANIL	LISE3.lcn
config	GANIL	LISE3_accept.lcn
config	GANIL	LISE3_nominal.lcn
config	GANIL	LISE_2K_foc145.lcn
config	GANIL	LISE_2K_foc250.lcn
config	GANIL	LISE_D4_foc195.lcn

config	GANIL	LISE_D4_foc215.lcn
config	GANIL	SISSI_Alpha_Wedge_Arete.lcn
config	GANIL	SISSI_Alpha_Wedge_Arete_LISE3nominal.lcn
config	GANIL	si_ad_g4.lcn
config	GSI	
config	GSI	FRS - ESR.lcn
config	GSI	FRS - FB07E to S8.lcn
config	GSI	FRS - TA-Cave C.lcn
config	GSI	FRS - TA-ESR.lcn
config	GSI	FRS - TA1B-S4 std (2006).lcn
config	GSI	FRS - TA2B-S4 std (2006).lcn
config	GSI	Super-FRS_HEB2008.lcn
config	GSI	Super-FRS_LEB2008.lcn
config	GSI	Super-FRS_RB2008.lcn
config	NSCL	
config	NSCL	A1900+S800_d0.lcn
config	NSCL	A1900+S800_dm.lcn
config	NSCL	A1900-N4-gas_cell.lcn
config	NSCL	A1900_2006.lcn
config	NSCL	A1900_2007.lcn
config	NSCL	A1900_2009.lcn
config	NSCL	A1900_2009_FifthOrder.lcn
config	NSCL	A1900_expanded.lcn
config	NSCL	A1900_RFFS.lcn
config	NSCL	BL+S800_d0.lcn
config	NSCL	BL+S800_dm.lcn
config	NSCL	S800.lcn
config	other	
config	other	LISEstandard.lcn
config	other	one_dipole.lcn
config	other	one_drift.lcn
config	other	TAMU-MARS-New022609_Gas.lcn
config	other	TAMU-MARS.lcn
config	RIKEN	
config	RIKEN	BigRIPS-F0F3-PAC0702.lcn
config	RIKEN	BigRIPS-F0F7-PAC0702.lcn
config	RIKEN	BigRIPS-F0F8-PAC0702.lcn
config	RIKEN	BigRIPS-ZeroDegree-PAC0702.lcn
config	RIKEN	RIPS.lcn
CrossSections		
degrader		
degrader	a1900_achr_profile_01.degra	
degrader	ach.degra	
files		
files	twinsol_init.twnsl	
files	examples	

files	examples	40ar_32mg_a1900s800d0.lpp	
files	examples	A1900_expanded.lpp	
files	examples	a1900_FifthOrder.lpp	
files	examples	AF_238U_Be_NSCL.lpp	
files	examples	CoulombFissionExample.lpp	
files	examples	de_e_test.lpp	
files	examples	RFFS_100sn.lpp	
files	examples	TAMU-Mars_8He.lpp	
files	examples	afission	
files	examples	afission	AF_208Pb_d.lpp
files	examples	afission	AF_208Pb_p.lpp
files	examples	afission	AF_238U_Be.lpp
files	examples	afission	AF_238U_d.lpp
files	examples	afission	AF_238U_p.lpp
files	examples	afission	AF_238U_Pb.lpp
files	examples	dubna	
files	examples	dubna	acculinna_6he.lpp
files	examples	dubna	combas_test.lpp
files	examples	dubna	Dubna_GFS.lpp
files	examples	dubna	MASHA.lpp
files	examples	dubna	msp144_48ca.lpp
files	examples	dubna	vassilissa_22ne_au_states.lpp
files	examples	GSI-SFRS	
files	examples	GSI-SFRS	SFRS-HEB-238U132Sn.lpp
files	examples	GSI-SFRS	SFRS-LEB-22Ne11Li.lpp
files	examples	GSI-SFRS	SFRS-RB-124Xe104Sn.lpp
files	MOTER		
files	MOTER	A1900_99.dem	
files	MOTER	A1900_99.mag	
files	MOTER	A1900_99.opt	
files	MOTER	default.dem	
files	MOTER	default.mag	
files	MOTER	default.opt	
files	MOTER	K8TS.DEM	
files	MOTER	K8TS.MAG	
files	MOTER	K8TS.OPT	
files	MOTER	S320.DEM	
files	MOTER	S320.MAG	
files	MOTER	S320.OPT	
files	MOTER	a1900	
files	MOTER	a1900	a1900_08.moter
options			
options	A1900_2007.lopt		
options	A1900_2009.lopt		
results			
spectra			

Cross section files from the LISE++ package are not copied to the "My Documents\" folder.
If you need them it is possible to load them from the "\Program Files\LISE\Cross sections\" directory

Thanks to
Mr. Keith Ng (TRIUMF) for fruitful
discussions on LISE++ actions in
Window Server OS,
Prof. D.J.Morrissey and
Mr. S.Beher (NSCL/MSU)
for the support with the LISE++
64-bit installation project.

Should be done soon : LISE++ in Wikipedia