SNAP Desktop
Command Prompt
BRAT Schedul...
BRAT GUI 4.2.1 x64
SEASCOPE Software
Dragon_2018
SNAP Command-...
Python 3.4 (comman...
Click this to open a command line terminal
NRSCC
esa
ESA–MOST China Dragon 4 Cooperation
ADVANCED TRAINING COURSE IN OCEAN AND COASTAL REMOTE SENSING
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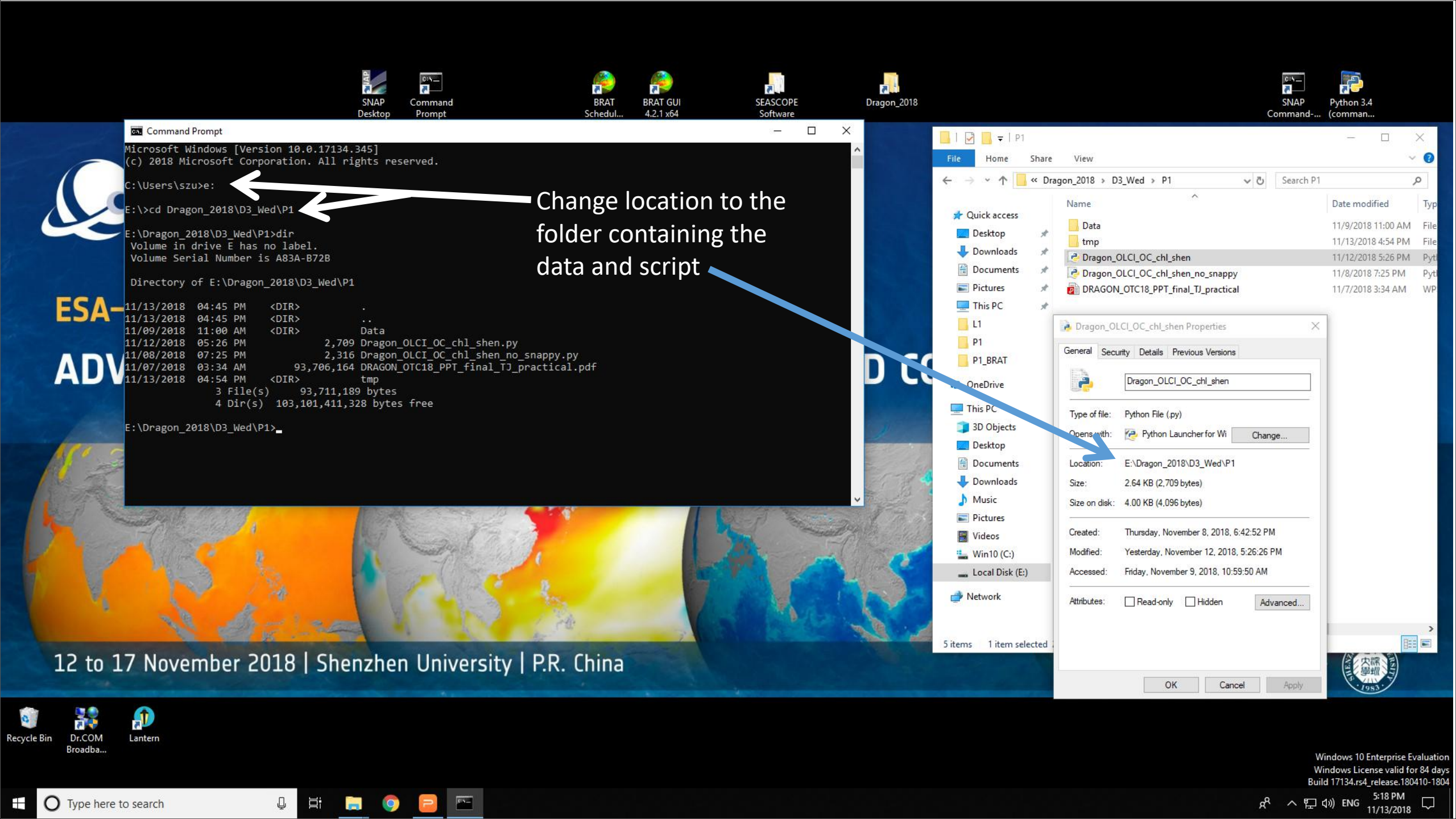
Dr.COM Broadba...
Lantern
Type here to search
Windows 10 Enterprise Evaluation
Windows License valid for 84 days
Build 17134.rs4_release.180410-1804
ENG
5:15 PM
11/13/2018


SNAP Desktop
Command Prompt
BRAT Schedul...
BRAT GUI 4.2.1 x64
SEASCOPE Software
Dragon_2018
SNAP Command-...
Python 3.4 (comman...
Command Prompt
Microsoft Windows [Version 10.0.17134.345]
(c) 2018 Microsoft Corporation. All rights reserved.
C:\Users\szu>e:
E:\>cd Dragon_2018\D3_Wed\P1
E:\Dragon_2018\D3_Wed\P1>dir
Volume in drive E has no label.
Volume Serial Number is A83A-B72B
Directory of E:\Dragon_2018\D3_Wed\P1
11/13/2018 04:45 PM <DIR> .
11/13/2018 04:45 PM <DIR> ..
11/09/2018 11:00 AM <DIR> Data
11/12/2018 05:26 PM 2,709 Dragon_OLCI_OC_chl_shen.py
11/08/2018 07:25 PM 2,316 Dragon_OLCI_OC_chl_shen_no_snappy.py
11/07/2018 03:34 AM 93,706,164 DRAGON_OTC18_PPT_final_TJ_practical.pdf
11/13/2018 04:54 PM <DIR> tmp
3 File(s) 93,711,189 bytes
4 Dir(s) 103,101,411,328 bytes free
E:\Dragon_2018\D3_Wed\P1>
Change location to the folder containing the data and script
P1
File
Home
Share
View
Dragon_2018 › D3_Wed › P1
Search P1
Quick access
Desktop
Downloads
Documents
Pictures
This PC
L1
P1
P1_BRAT
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Win10 (C:)
Local Disk (E:)
Network
Name
Date modified
Data 11/9/2018 11:00 AM
tmp 11/13/2018 4:54 PM
Dragon_OLCI_OC_chl_shen 11/12/2018 5:26 PM
Dragon_OLCI_OC_chl_shen_no_snappy 11/8/2018 7:25 PM
DRAGON_OTC18_PPT_final_TJ_practical 11/7/2018 3:34 AM
5 items
1 item selected
Dragon_OLCI_OC_chl_shen Properties
General
Security
Details
Previous Versions
Dragon_OLCI_OC_chl_shen
Type of file: Python File (.py)
Opens with: Python Launcher for Wi
Change...
Location: E:\Dragon_2018\D3_Wed\P1
Size: 2.64 KB (2,709 bytes)
Size on disk: 4.00 KB (4,096 bytes)
Created: Thursday, November 8, 2018, 6:42:52 PM
Modified: Yesterday, November 12, 2018, 5:26:26 PM
Accessed: Friday, November 9, 2018, 10:59:50 AM
Attributes: Read-only Hidden
Advanced...
OK
Cancel
Apply
ESA-
ADV
D CO
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Recycle Bin
Dr.COM Broadba...
Lantern
Type here to search
Windows 10 Enterprise Evaluation
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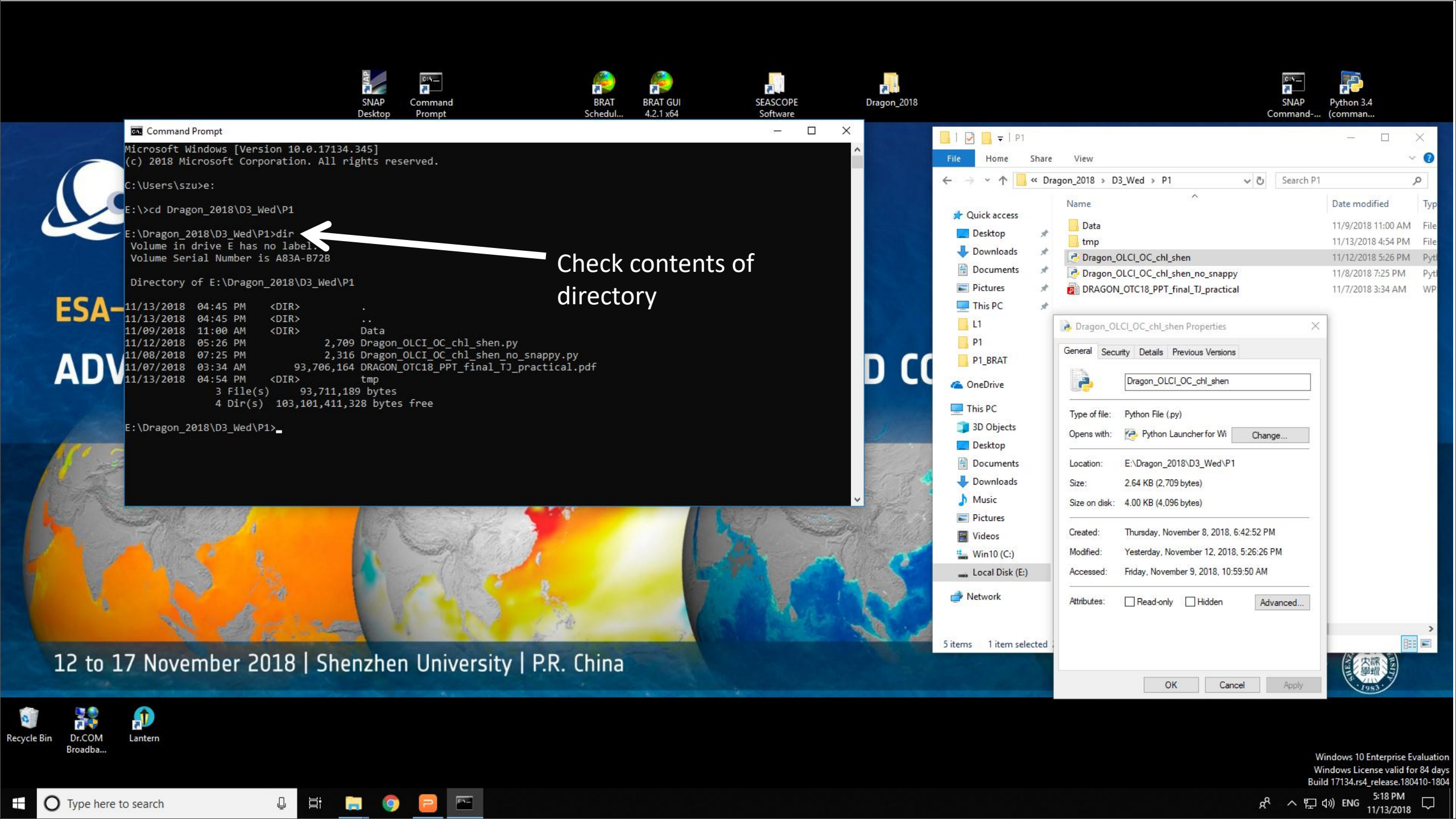
Build 17134.rs4_release.180410-1804
ENG
5:18 PM
11/13/2018


SNAP Desktop
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11/07/2018 03:34 AM 93,706,164 DRAGON_OTC18_PPT_final_TJ_practical.pdf
11/13/2018 04:54 PM <DIR> tmp
3 File(s) 93,711,189 bytes
4 Dir(s) 103,101,411,328 bytes free
E:\Dragon_2018\D3_Wed\P1>
Check contents of directory
P1
File
Home
Share
View
Dragon_2018 › D3_Wed › P1
Search P1
Quick access
Desktop
Downloads
Documents
Pictures
This PC
L1
P1
P1_BRAT
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Win10 (C:)
Local Disk (E:)
Network
Name
Date modified
Data 11/9/2018 11:00 AM
tmp 11/13/2018 4:54 PM
Dragon_OLCI_OC_chl_shen 11/12/2018 5:26 PM
Dragon_OLCI_OC_chl_shen_no_snappy 11/8/2018 7:25 PM
DRAGON_OTC18_PPT_final_TJ_practical 11/7/2018 3:34 AM
5 items
1 item selected
Dragon_OLCI_OC_chl_shen Properties
General
Security
Details
Previous Versions
Dragon_OLCI_OC_chl_shen
Type of file: Python File (.py)
Opens with: Python Launcher for Wi
Change...
Location: E:\Dragon_2018\D3_Wed\P1
Size: 2.64 KB (2,709 bytes)
Size on disk: 4.00 KB (4,096 bytes)
Created: Thursday, November 8, 2018, 6:42:52 PM
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Accessed: Friday, November 9, 2018, 10:59:50 AM
Attributes: Read-only Hidden
Advanced...
OK
Cancel
Apply
ESA-
ADV
D CO
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Dr.COM Broadba...
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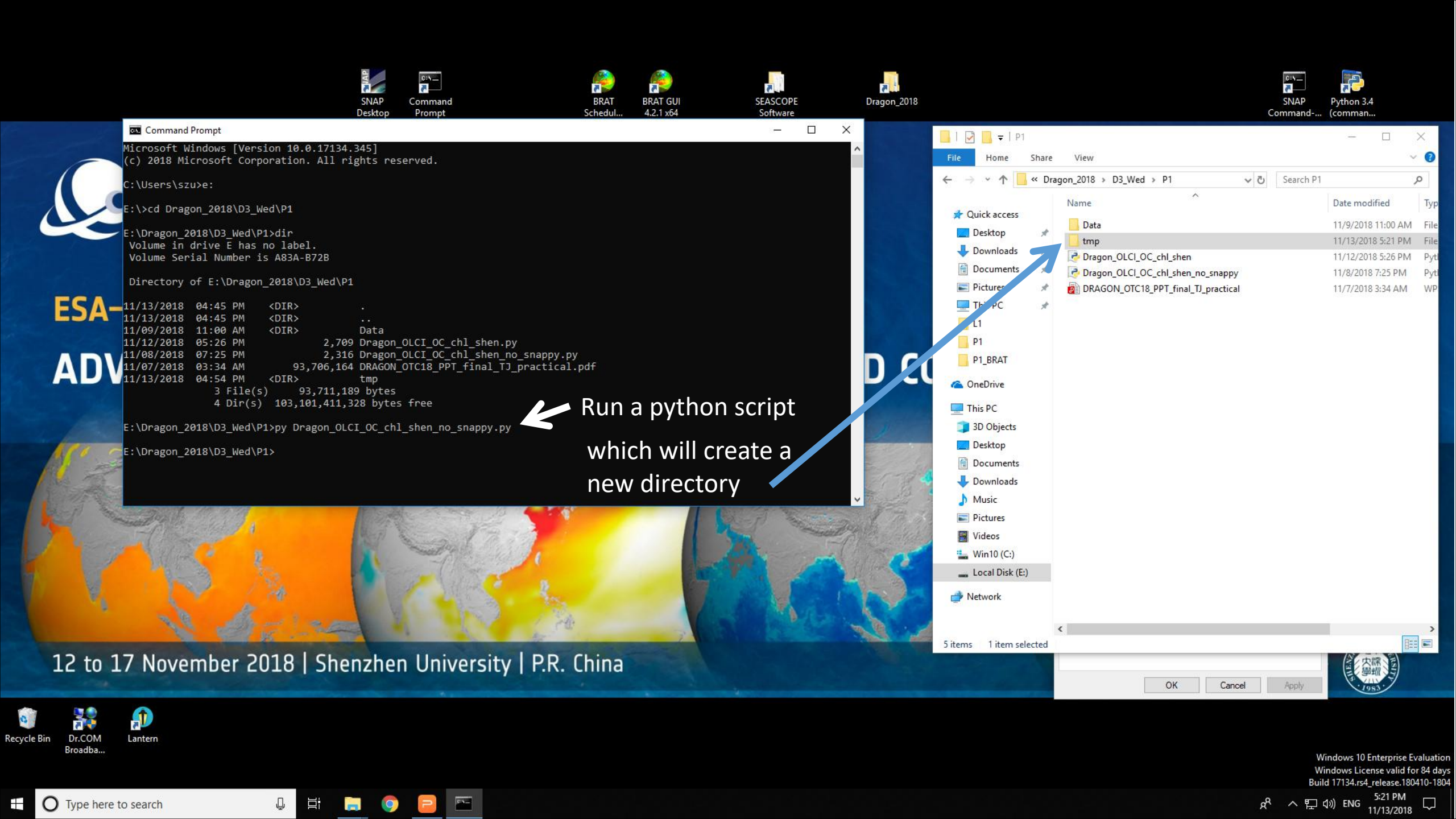
SNAP Desktop
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11/09/2018 11:00 AM <DIR> Data
11/12/2018 05:26 PM 2,709 Dragon_OLCI_OC_chl_shen.py
11/08/2018 07:25 PM 2,316 Dragon_OLCI_OC_chl_shen_no_snappy.py
11/07/2018 03:34 AM 93,706,164 DRAGON_OTC18_PPT_final_TJ_practical.pdf
11/13/2018 04:54 PM <DIR> tmp
3 File(s) 93,711,189 bytes
4 Dir(s) 103,101,411,328 bytes free
E:\Dragon_2018\D3_Wed\P1>py Dragon_OLCI_OC_chl_shen_no_snappy.py
E:\Dragon_2018\D3_Wed\P1>
Run a python script
which will create a new directory
P1
File
Home
Share
View
Dragon_2018 › D3_Wed › P1
Search P1
Quick access
Desktop
Downloads
Documents
Pictures
This PC
L1
P1
P1_BRAT
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Win10 (C:)
Local Disk (E:)
Network
Name
Date modified
Data 11/9/2018 11:00 AM
tmp 11/13/2018 5:21 PM
Dragon_OLCI_OC_chl_shen 11/12/2018 5:26 PM
Dragon_OLCI_OC_chl_shen_no_snappy 11/8/2018 7:25 PM
DRAGON_OTC18_PPT_final_TJ_practical 11/7/2018 3:34 AM
5 items
1 item selected
OK
Cancel
Apply
12 to 17 November 2018 | Shenzhen University | P.R. China
Recycle Bin
Dr.COM Broadba...
Lantern
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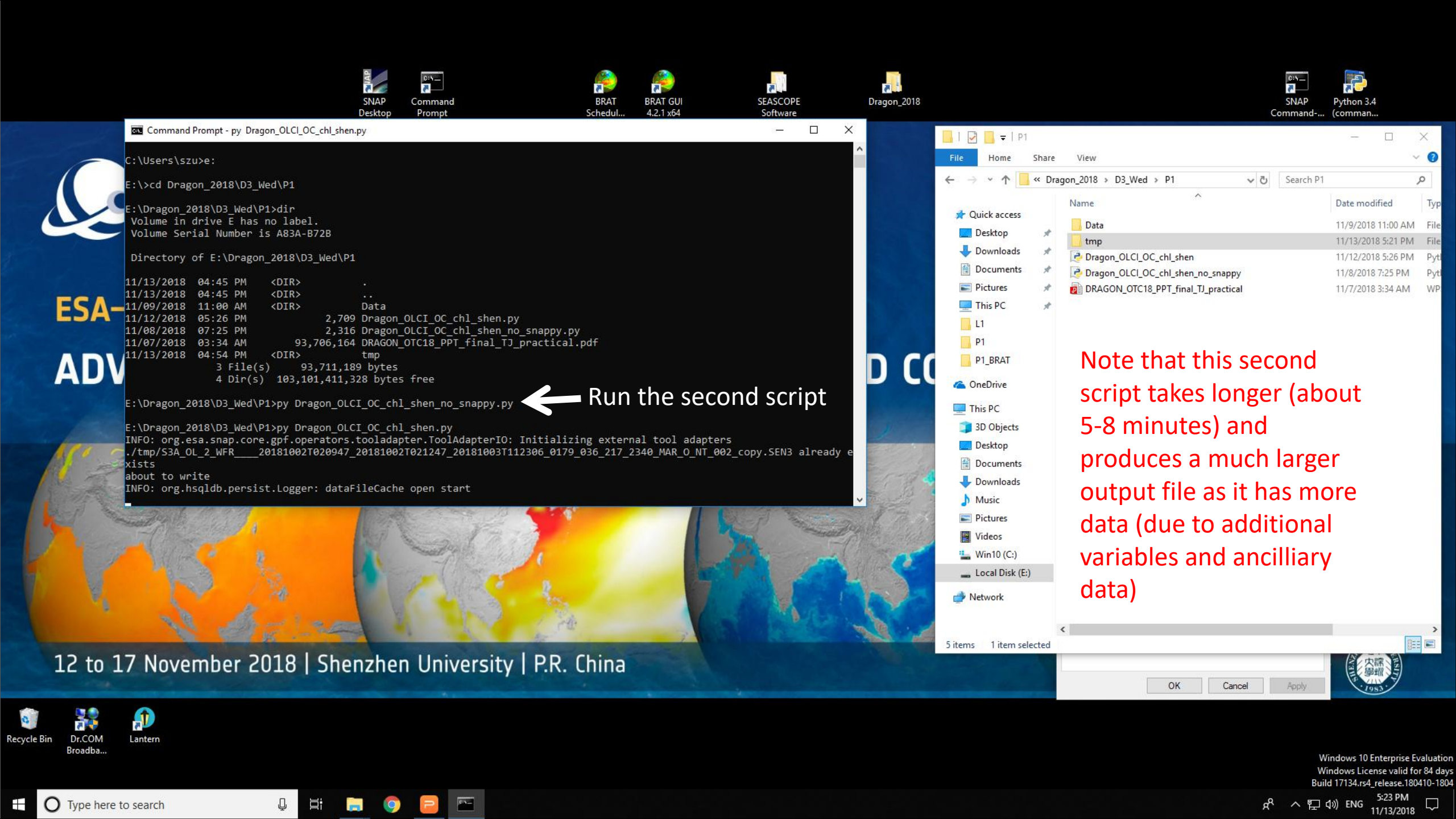
Build 17134.rs4_release.180410-1804
Type here to search
ENG
5:21 PM
11/13/2018


SNAP Desktop
Command Prompt
BRAT Schedul...
BRAT GUI 4.2.1 x64
SEASCOPE Software
Dragon_2018
SNAP Command-...
Python 3.4 (comman...
Command Prompt - py Dragon_OLCI_OC_chl_shen.py
C:\Users\szu>e:
E:\>cd Dragon_2018\D3_Wed\P1
E:\Dragon_2018\D3_Wed\P1>dir
Volume in drive E has no label.
Volume Serial Number is A83A-B72B
Directory of E:\Dragon_2018\D3_Wed\P1
11/13/2018 04:45 PM <DIR> .
11/13/2018 04:45 PM <DIR> ..
11/09/2018 11:00 AM <DIR> Data
11/12/2018 05:26 PM 2,709 Dragon_OLCI_OC_chl_shen.py
11/08/2018 07:25 PM 2,316 Dragon_OLCI_OC_chl_shen_no_snappy.py
11/07/2018 03:34 AM 93,706,164 DRAGON_OTC18_PPT_final_TJ_practical.pdf
11/13/2018 04:54 PM <DIR> tmp
3 File(s) 93,711,189 bytes
4 Dir(s) 103,101,411,328 bytes free
E:\Dragon_2018\D3_Wed\P1>py Dragon_OLCI_OC_chl_shen_no_snappy.py
Run the second script
E:\Dragon_2018\D3_Wed\P1>py Dragon_OLCI_OC_chl_shen.py
INFO: org.esa.snap.core.gpf.operators.tooladapter.ToolAdapterIO: Initializing external tool adapters
./tmp/S3A_OL_2_WFR____20181002T020947_20181002T021247_20181003T112306_0179_036_217_2340_MAR_O_NT_002_copy.SEN3 already exists
about to write
INFO: org.hsqldb.persist.Logger: dataFileCache open start
P1
File Home Share View
Dragon_2018 › D3_Wed › P1
Search P1
Quick access
Desktop
Downloads
Documents
Pictures
This PC
L1
P1
P1_BRAT
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Win10 (C:)
Local Disk (E:)
Network
Name
Date modified
Data 11/9/2018 11:00 AM
tmp 11/13/2018 5:21 PM
Dragon_OLCI_OC_chl_shen 11/12/2018 5:26 PM
Dragon_OLCI_OC_chl_shen_no_snappy 11/8/2018 7:25 PM
DRAGON_OTC18_PPT_final_TJ_practical 11/7/2018 3:34 AM
5 items
1 item selected
Note that this second script takes longer (about 5-8 minutes) and produces a much larger output file as it has more data (due to additional variables and ancilliary data)
OK
Cancel
Apply
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Recycle Bin
Dr.COM Broadba...
Lantern
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ENG
5:23 PM
11/13/2018