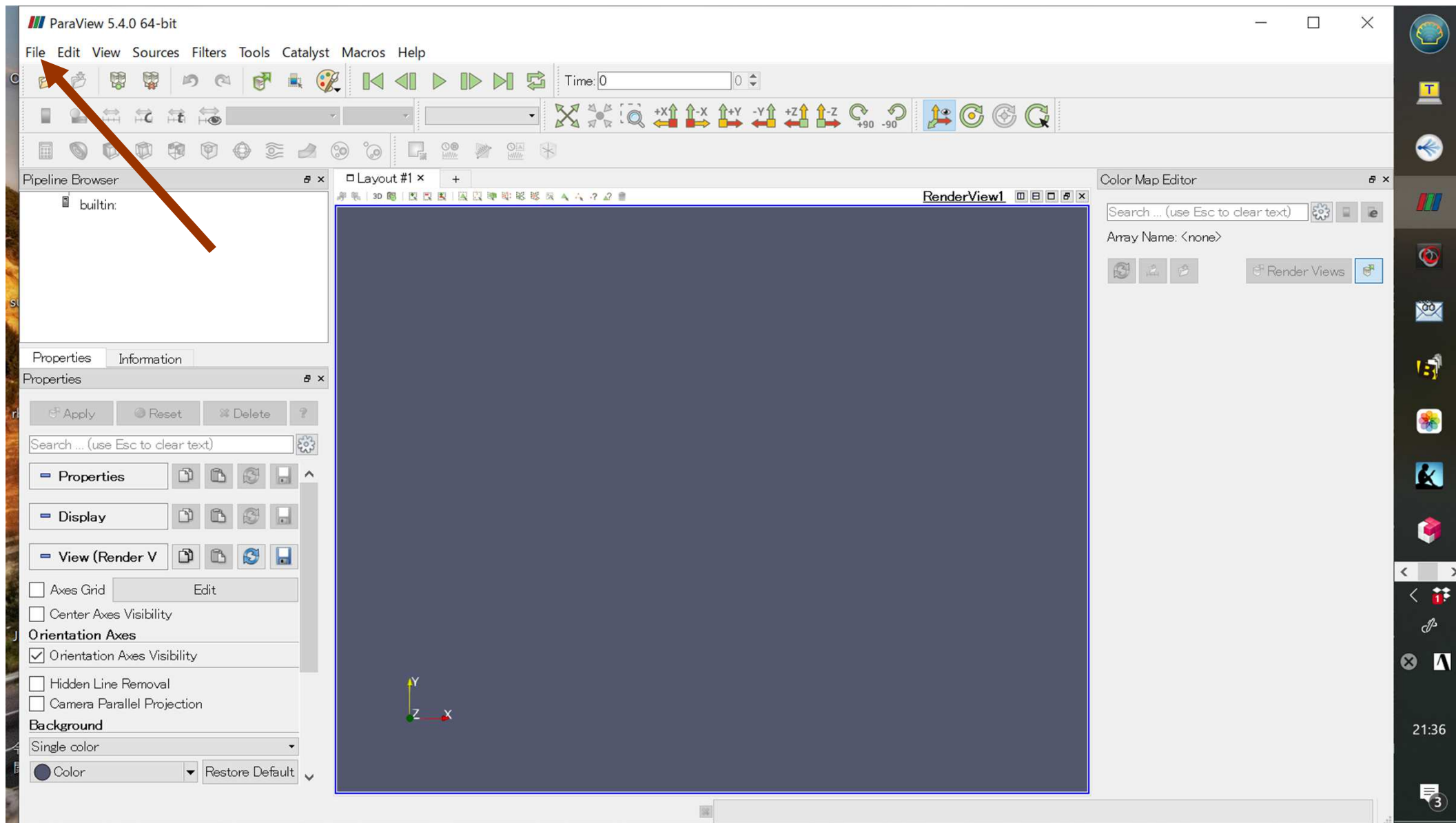
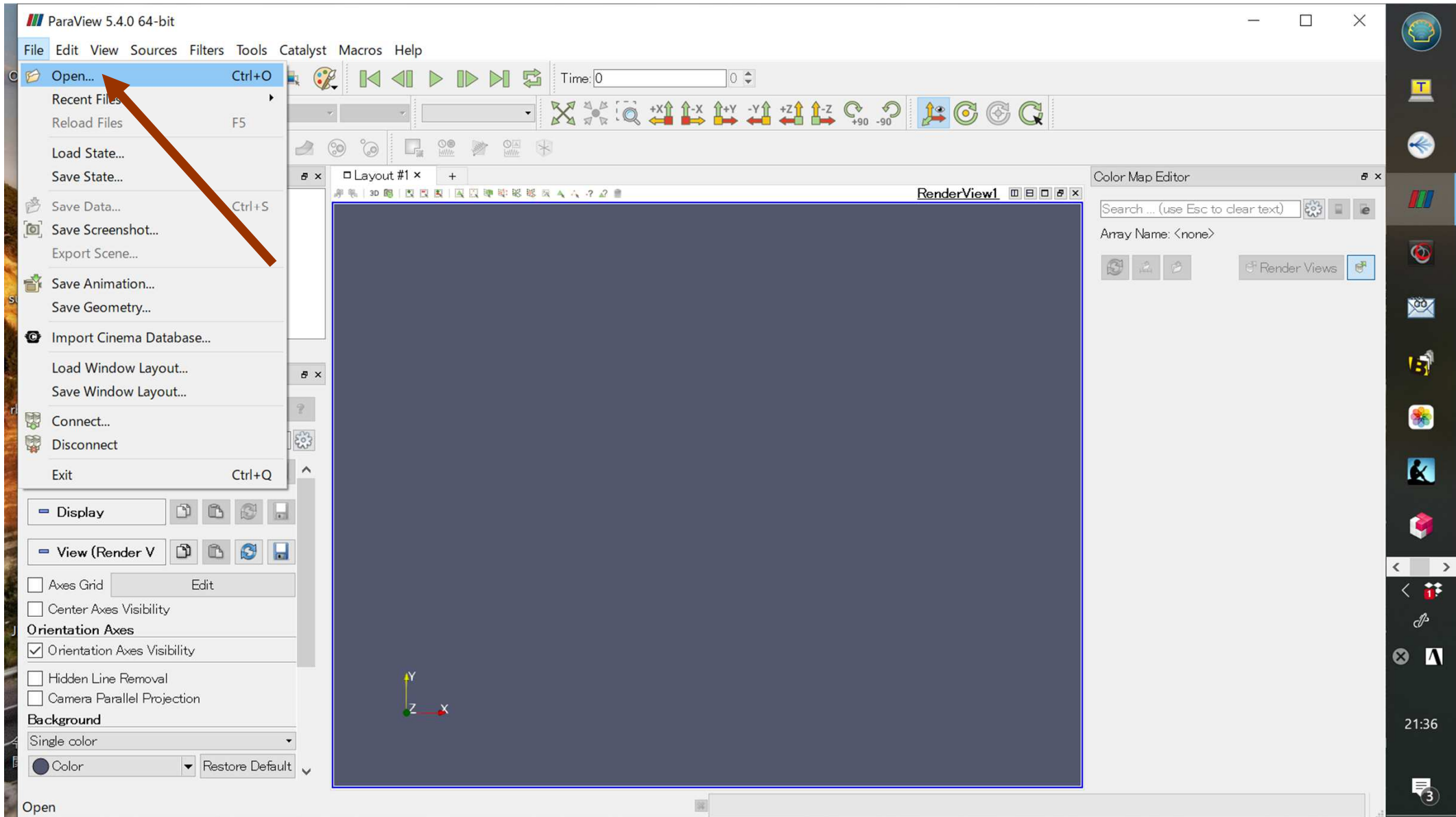


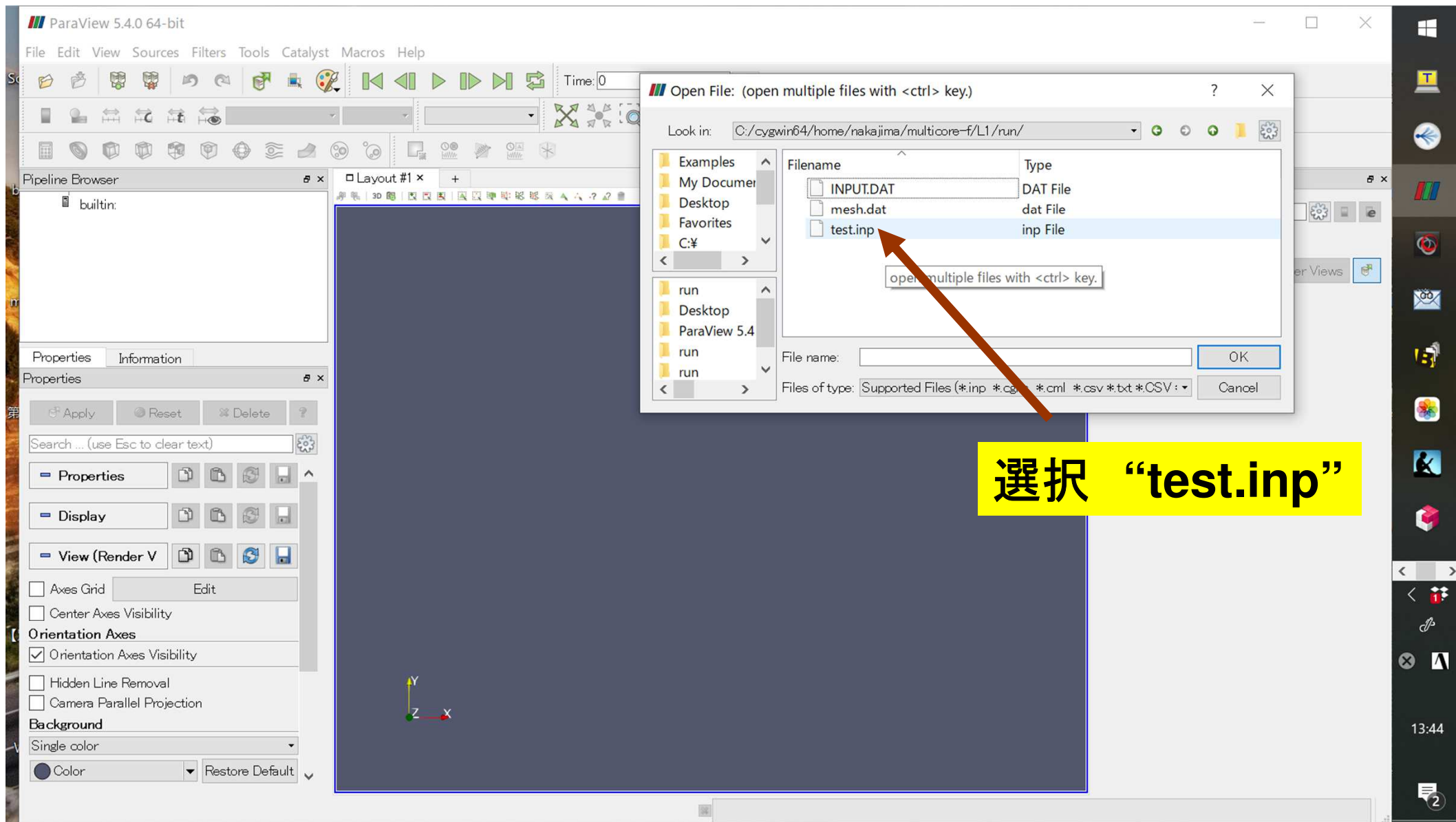
# UCDファイルを開く(1/3)



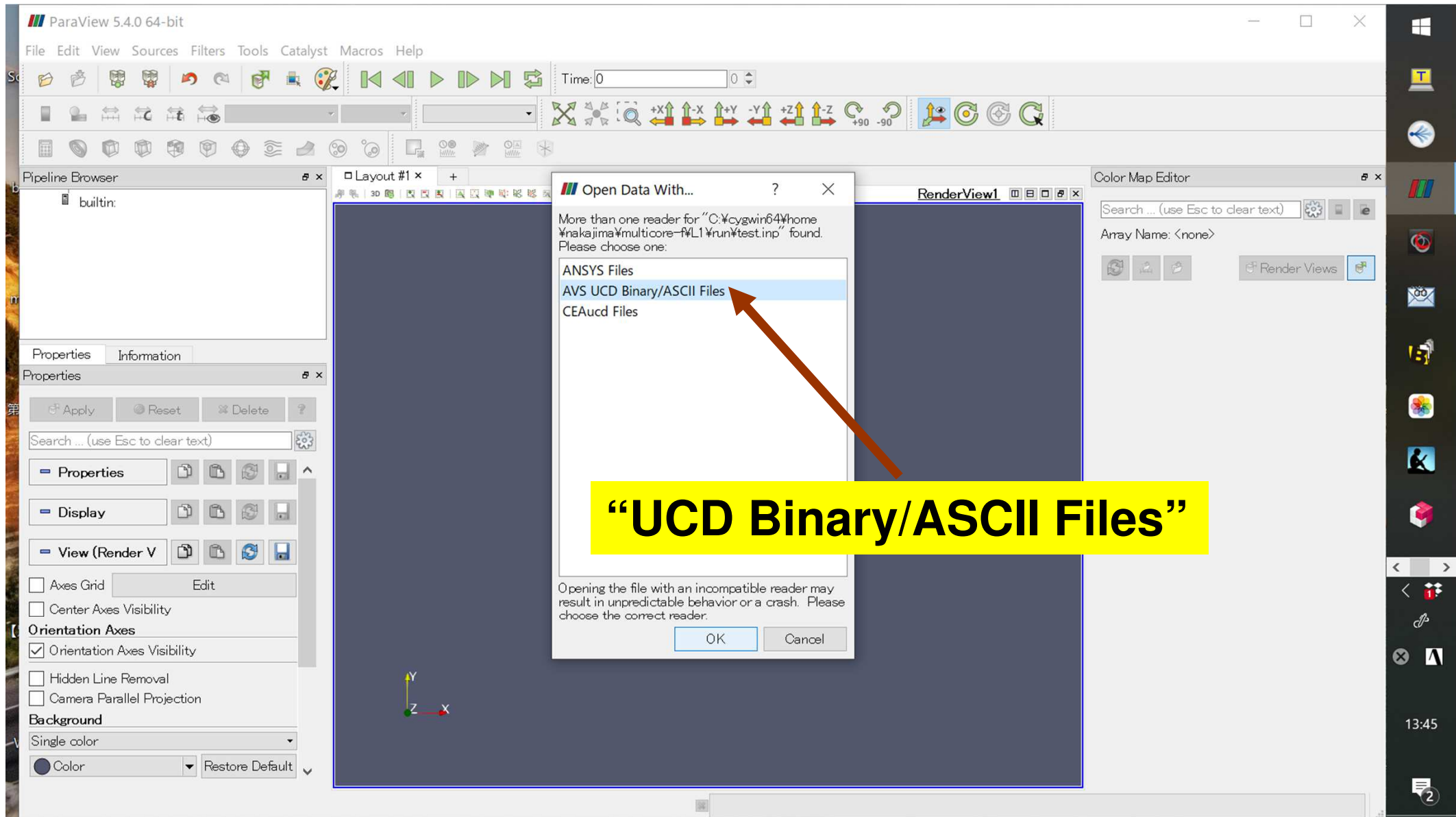
# UCDファイルを開く(2/3)



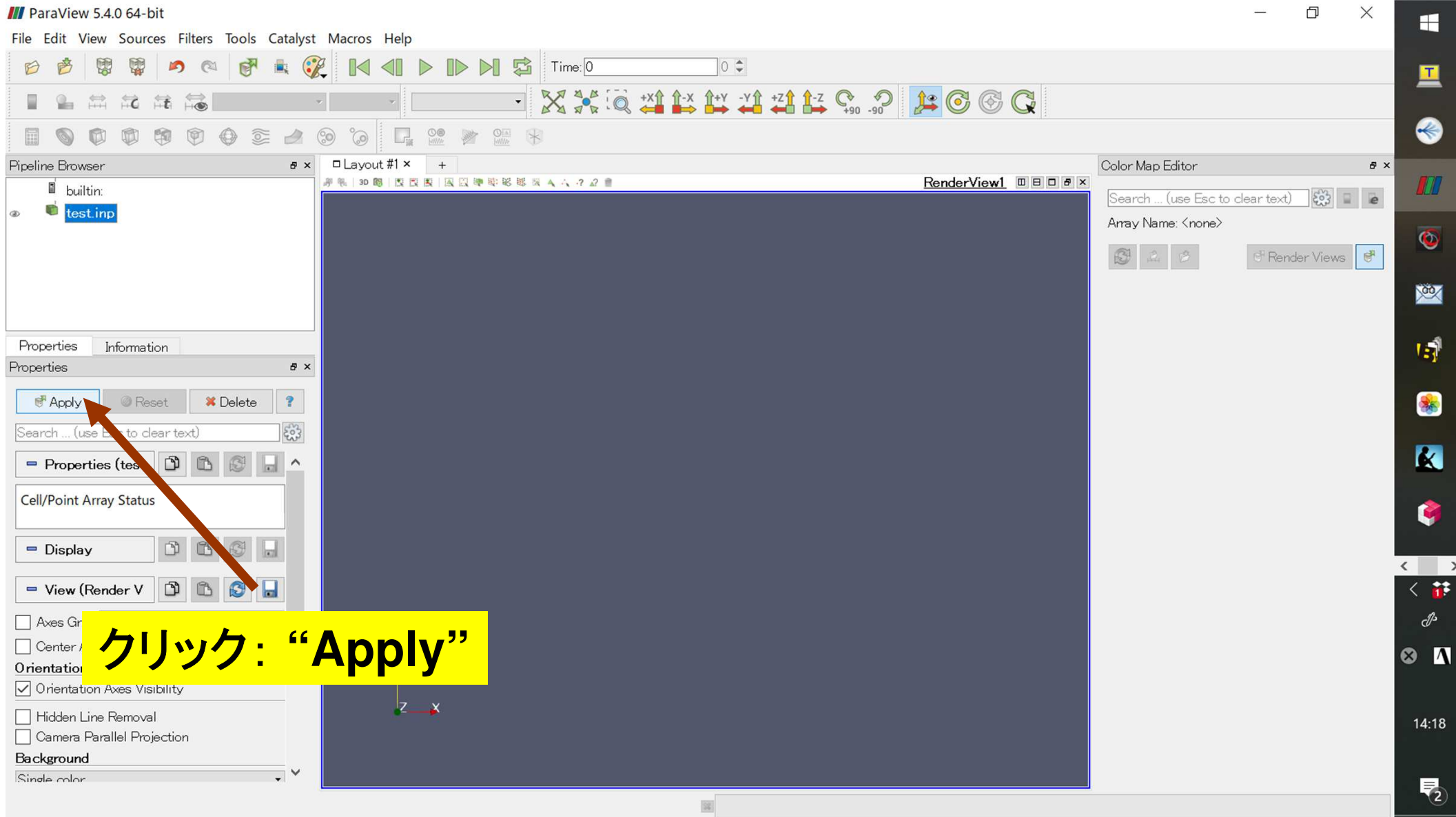
# UCDファイルを開く(3/3)



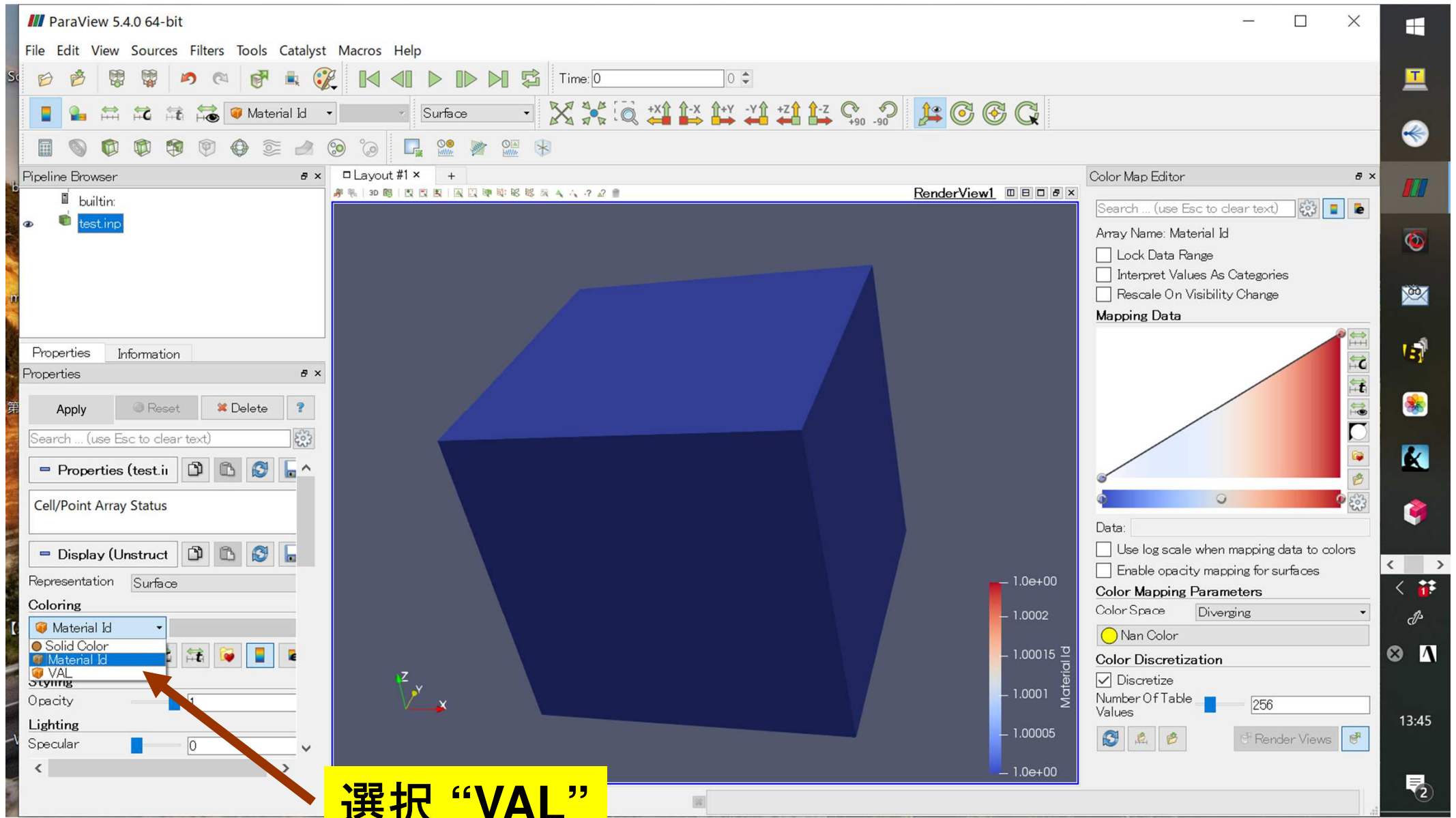
# UCD Formatを選択



# クリック：“Apply”

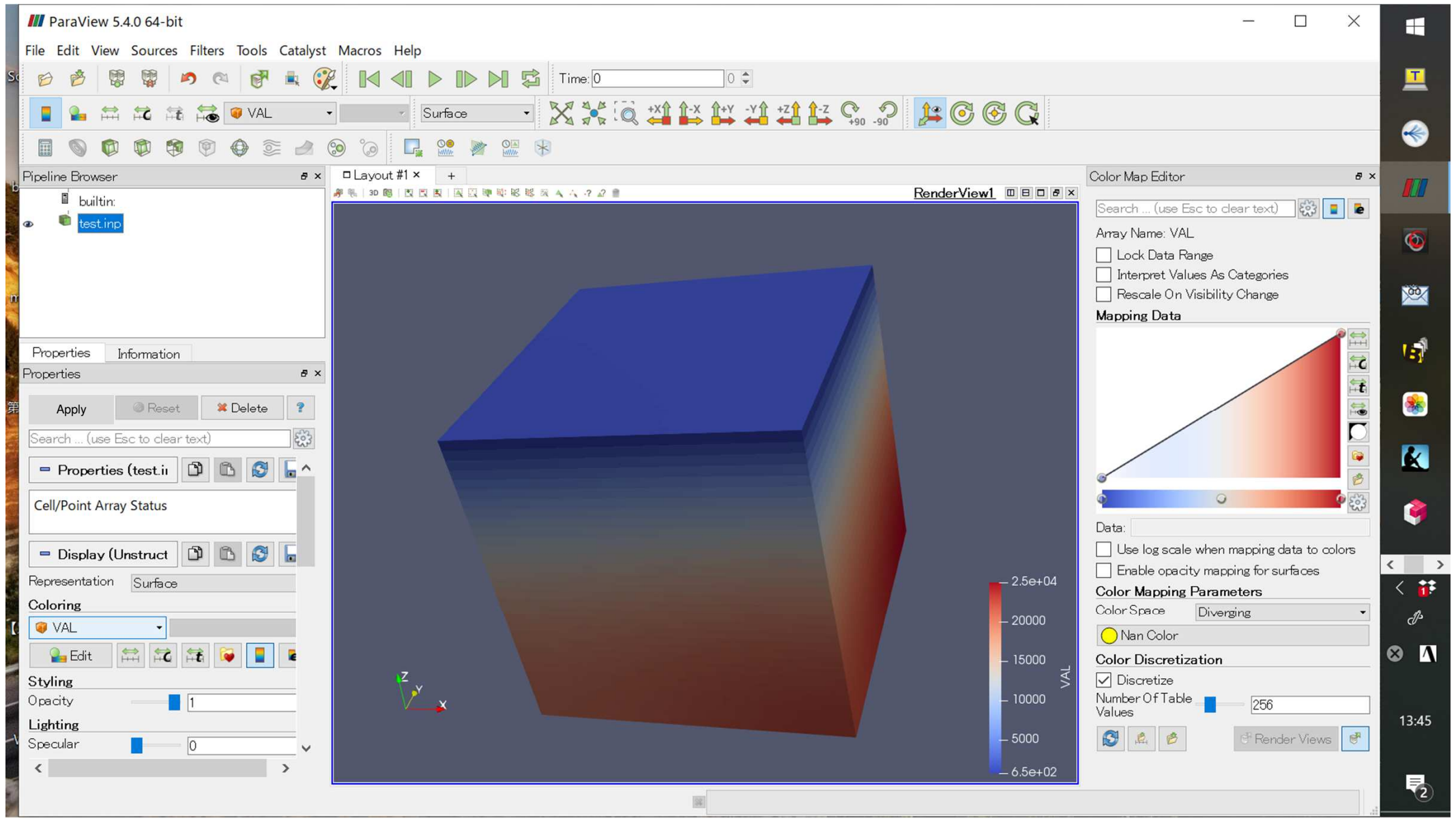


# プルダウン・変更：“Coloring” Material ID -> VAL



選択 “VAL”

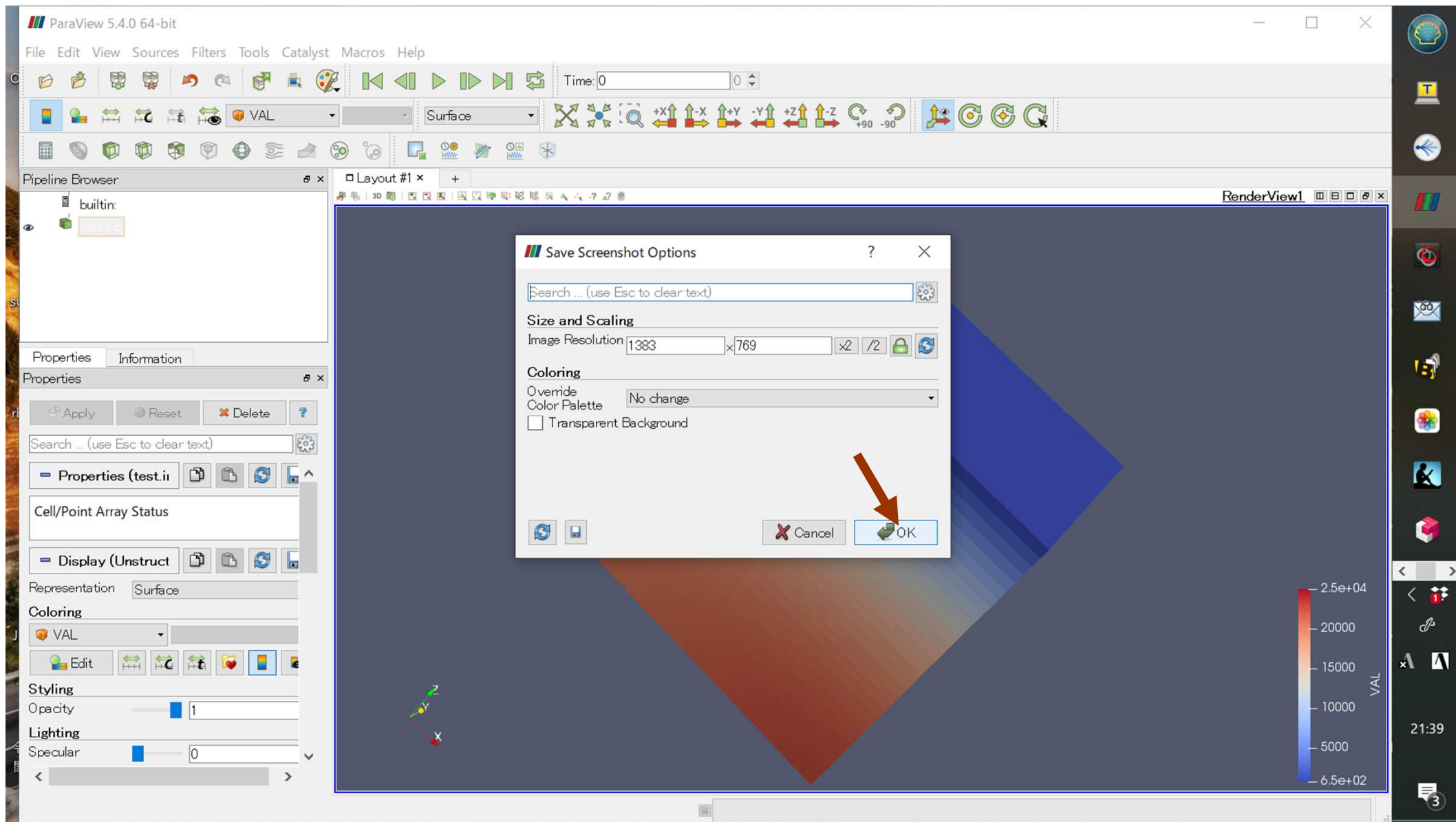
# 計算結果の分布







# スクリーンショット保存(2/4)

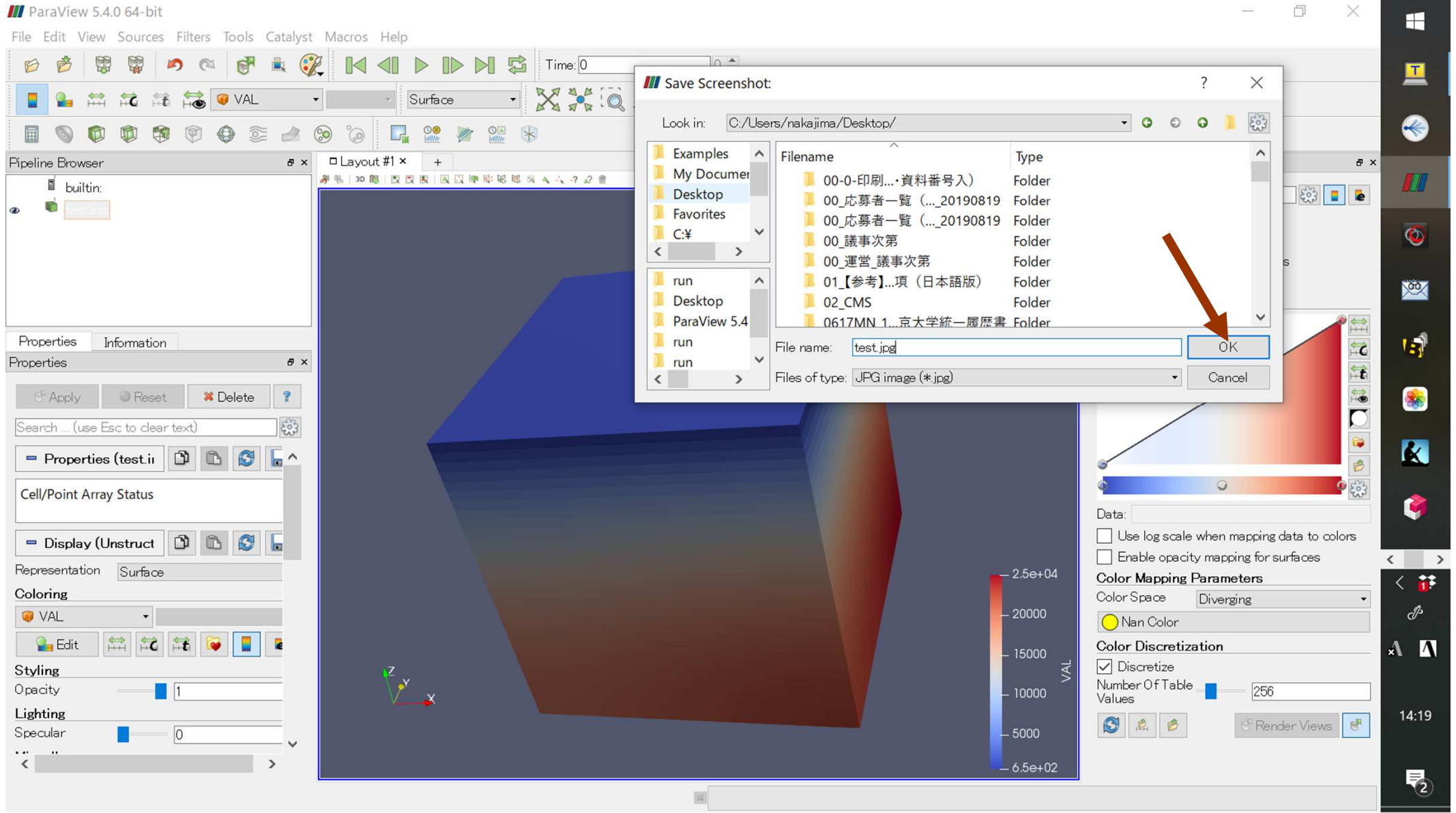


# スクリーンショット保存 (3/4)

The image shows the ParaView 5.4.0 64-bit interface with a 'Save Screenshot' dialog box open. The dialog box has a 'Look in' field set to 'C:/Program Files/ParaView 5.4.0-Qt5-OpenGL2-Windows-64b...'. It lists folders like 'Examples', 'My Document', 'Desktop', 'Favorites', 'C:¥', 'run', and 'Desktop'. The 'Files of type' dropdown is open, showing options: 'JPG image (\*.jpg)', 'PNG image (\*.png)', 'TIFF image (\*.tif)', 'BMP image (\*.bmp)', and 'PPM image (\*.ppm)'. A yellow box with checkmarks lists 'PNG', 'JPG', 'TIFF', 'BMP', and 'PPM'. A red arrow points to the 'Files of type' dropdown. The background shows a 3D visualization of a cube with a color gradient and various software panels.

# スクリーンショット保存(4/4)

## 名称・保存場所指定



# クリック：“test.jpg”（1/2）

デスクトップ

ファイル ホーム 共有 表示

PC > デスクトップ

クイック アクセス

- デスクトップ
- ダウンロード
- iCloud Drive
- OneDrive
- ドキュメント
- ピクチャ
- eq627k8v.def
- 2020-05-HPC17
- Final
- WEB
- スクリーンショット

Dropbox (個人用)

Dropbox (東大情報)

- .dropbox.cache
- BDEC+DP
- crest-society-5
- Dropbox Business
- Dropboxライセンス
- HPCI (1)
- IBM関連
- ICCG
- ICPP2019
- Intel Compiler

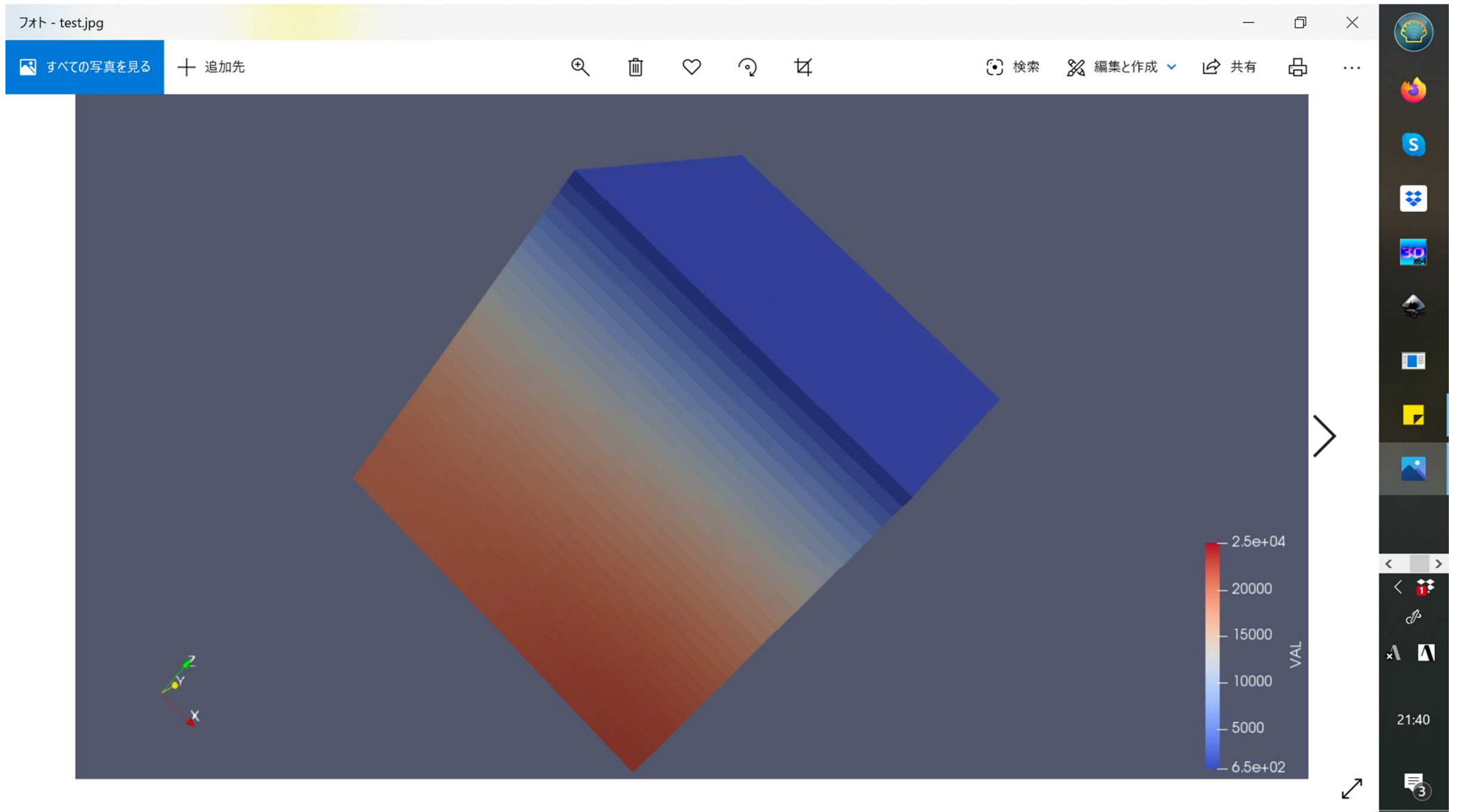
名前	更新日時	種類	サイズ
test.jpg	2020/05/14 21:40	JPG ファイル	98 KB
Slap	2020/05/14 9:53	ショートカット	3 KB
Blu	2020/05/13 15:54	ショートカット	3 KB
Ma	2020/05/13 9:20	JPG ファイル	111 KB
Zoom	2020/05/12 18:03	ショートカット	2 KB
Cisco Webex Meetings	2020/05/12 12:54	ショートカット	3 KB
2019w_KN_class.pdf	2020/05/07 20:51	Adobe Acrobat Docu...	87 KB
20200502.pptx	2020/05/06 9:17	Microsoft PowerPoin...	146 KB
NakajimaKengo.pdf	2020/04/30 19:31	Adobe Acrobat Docu...	58 KB
cube-1.tar	2020/04/28 17:21	TAR ファイル	10,970 KB
geofem-djds.tar	2020/04/28 16:43	TAR ファイル	31,370 KB
中島研吾日程調整.xlsx	2020/04/24 13:15	Microsoft Excel ワーク...	11 KB
p.docx	2020/04/22 16:07	Microsoft Word 文書	12 KB
2020S1S2融合情報輪講.pptf	2020/04/16 10:25	Adobe Acrobat Docu...	203 KB
中島02プロジェクト年表201905-rev1-1.pptx	2020/04/15 11:30	Microsoft PowerPoin...	66 KB
202003_ITC値.xlsm	2020/04/12 11:42	Microsoft Excel マクロ...	199 KB
BDEC20200410.pdf	2020/04/10 14:59	Adobe Acrobat Docu...	1,423 KB
Nakajima繰越申請書.xlsx	2020/03/27 16:44	Microsoft Excel ワーク...	17 KB
Mckernel-OBCX-20200306.pptx	2020/03/25 14:39	Microsoft PowerPoin...	591 KB
印刷.pdf	2020/03/25 11:56	Adobe Acrobat Docu...	94 KB
a.ps	2020/03/24 15:35	PostScript	34 KB
a.pdf	2020/03/23 12:36	Adobe Acrobat Docu...	36,461 KB
電気系2020 (R2)年度教務日程表 (配布用).xlsx	2020/03/23 10:39	Microsoft Excel ワーク...	168 KB
★最終版) 2019年度第12回計算科学研究センタ...	2020/03/16 13:08	Adobe Acrobat Docu...	14,943 KB
(最終版) 理事連絡会議資料.pdf	2020/03/16 13:06	Adobe Acrobat Docu...	195 KB
20200312_hpci_used0.pdf	2020/03/13 8:35	Adobe Acrobat Docu...	139 KB
事前打合せ資料) 理事連絡会議.pdf	2020/03/11 10:32	Adobe Acrobat Docu...	97 KB

403 個の項目

デスクトップ...

21:40

# クリック：“test.jpg” (2/2)



# 編集: Color Map (1/5)

## クリック: “Choose Preset”

The screenshot displays the ParaView 5.4.0 64-bit software interface. The main window shows a 3D visualization of a surface with a color map. The Color Map Editor panel on the right is active, showing the 'VAL' array and various mapping options. The 'Choose Preset' dialog is open in the center, displaying a list of color maps such as 'Cool to Warm', 'Warm to Cool', 'Rainbow Desa...', 'Cold and Hot', 'Black-Body Ra...', 'X Ray', and 'Grayscale'. A red arrow points from the 'Choose Preset' button in the Color Map Editor to the 'Choose Preset' dialog. The 'Color Map Editor' panel includes a search bar, 'Array Name: VAL', checkboxes for 'Lock Data Range', 'Interpret Values As Categories', and 'Rescale On Visibility Change', a 'Mapping Data' visualization, and 'Color Mapping Parameters' including 'Color Space: Diverging' and 'Color Discretization' with 'Discretize' checked and 'Number Of Table Values' set to 256.

クリック: “Choose Preset”

# 編集: Color Map (2/5)

## “Rainbow Desaturated”

The screenshot displays the ParaView 5.4.0 64-bit software interface. The main window shows a 3D visualization of a surface with a color map. The 'Color Map Editor' panel on the right is active, showing the 'Array Name: VAL' and various mapping options. The 'Choose Preset' dialog box is open in the center, listing several color maps. The 'Rainbow Desaturated' preset is highlighted, and the 'Apply' button is visible. Two orange arrows point to the 'Rainbow Desaturated' preset and the 'Apply' button. The 'Color Map Editor' panel shows the 'Color Mapping Parameters' section with 'Color Space' set to 'Diverging' and 'Color Discretization' checked. The 'Number Of Table Values' is set to 256. The 'Data' section shows a range from  $-6.5 \times 10^2$  to  $2.5 \times 10^4$ .

ParaView 5.4.0 64-bit

File Edit View Sources Filters Tools Catalyst Macros Help

Time: 0

VAL Surface

Pipeline Browser

Layout #1 x

RenderView1

Color Map Editor

Search ... (use Esc to clear text)

Array Name: VAL

Lock Data Range

Interpret Values As Categories

Rescale On Visibility Change

Mapping Data

Data:

Use log scale when mapping data to colors

Enable opacity mapping for surfaces

Color Mapping Parameters

Color Space: Diverging

Nan Color

Color Discretization

Discretize

Number Of Table Values: 256

Render Views

Choose Preset

Search ... (use Esc to clear text)

Options to load:

Colors

Opacities

Use preset range

Presets

Cool to Warm

Cool to Warm ...

Warm to Cool

Warm to Cool ...

Rainbow Desa...

Cold and Hot

Black-Body Ra...

X Ray

Grayscale

Black-Blue an...

Tip: <click> to select, <double-click> to apply a preset.

Apply

Import

Export

Remove

Close

2.5e+04

20000

15000

10000

5000

-6.5e+02

VAL

21:43

3

# 編集: Color Map (3/5)

## “Rainbow Desaturated”

The screenshot displays the ParaView 5.4.0 64-bit software interface. The main window shows a 3D visualization of a color map, which is a rainbow spectrum. The color map is applied to a 3D object, and the color scale ranges from  $-6.5 \times 10^2$  to  $2.5 \times 10^4$ . The Color Map Editor panel is open on the right, showing the following settings:

- Array Name: VAL
- Lock Data Range
- Interpret Values As Categories
- Rescale On Visibility Change
- Mapping Data: A 2D color map visualization showing a rainbow spectrum.
- Data: [Empty field]
- Use log scale when mapping data to colors
- Enable opacity mapping for surfaces
- Color Mapping Parameters:
  - Color Space: RGB
  - Nan Color: [Yellow circle]
- Color Discretization:
  - Discretize
  - Number Of Table Values: 256

The Color Map Editor panel also includes a "Render Views" button at the bottom right. The main window shows a 3D visualization of a color map, which is a rainbow spectrum. The color map is applied to a 3D object, and the color scale ranges from  $-6.5 \times 10^2$  to  $2.5 \times 10^4$ . The Color Map Editor panel is open on the right, showing the following settings:



# 編集: Color Map (4/5) “Blue to Red Rainbow”

The screenshot displays the ParaView 5.4.0 64-bit software interface. The main window shows a 3D visualization of a surface with a color map. A 'Choose Preset' dialog box is open, listing various color maps. The 'Blue to Red Ra...' preset is selected, and the 'Apply' button is highlighted. The 'Color Map Editor' panel on the right shows the 'VAL' array name and various mapping options. The 'Color Mapping Parameters' section shows 'Color Space' set to 'HSV' and 'Color Discretization' checked with 'Number Of Table Values' set to 256. The 'VAL' color bar on the right indicates a range from 6.5e+02 to 2.5e+04.

ParaView 5.4.0 64-bit

File Edit View Sources Filters Tools Catalyst Macros Help

Time: 0

Surface

Pipeline Browser

Layout #1 x

RenderView1

Color Map Editor

Search ... (use Esc to clear text)

Array Name: VAL

Lock Data Range

Interpret Values As Categories

Rescale On Visibility Change

Mapping Data

Data:

Use log scale when mapping data to colors

Enable opacity mapping for surfaces

Color Mapping Parameters

Color Space: HSV

Nan Color

Color Discretization

Discretize

Number Of Table Values: 256

Render Views

Properties

Information

Properties (test.ii)

Cell/Point Array Status

Display (Unstruct)

Representation: Surface

Coloring: VAL

Styling: Opacity: 1

Lighting: Specular: 0

Tip: <click> to select, <double-click> to apply a preset.

# 編集 : Color Map (5/5)

## “Blue to Red Rainbow”

The screenshot displays the ParaView 5.4.0 64-bit software interface. The main window shows a 3D visualization of a color map on a surface, with a color scale ranging from 6.5e+02 (blue) to 2.5e+04 (red). The color map is applied to a surface, and the visualization is shown in a 3D perspective view.

The interface includes the following components:

- ParaView 5.4.0 64-bit** (Title Bar)
- File Edit View Sources Filters Tools Catalyst Macros Help** (Menu Bar)
- Time: 0** (Time Slider)
- Pipeline Browser** (Left Panel): Shows a pipeline with `builtin:` and `test.inp`.
- Properties** (Left Panel): Shows properties for `test.inp`, including `Cell/Point Array Status`, `Display (Unstruct)`, `Representation` (Surface), `Coloring` (VAL), `Styling` (Opacity: 1), and `Lighting` (Specular: 0).
- RenderView1** (Main View): Shows the 3D visualization of the color map on a surface.
- Color Map Editor** (Right Panel): Shows the `Color Map Editor` for the `VAL` array. It includes a search bar, `Array Name: VAL`, checkboxes for `Lock Data Range`, `Interpret Values As Categories`, and `Rescale On Visibility Change`. The `Mapping Data` section shows a color map visualization. The `Data:` section includes checkboxes for `Use log scale when mapping data to colors` and `Enable opacity mapping for surfaces`. The `Color Mapping Parameters` section shows `Color Space: HSV` and `Nan Color`. The `Color Discretization` section includes a checked `Discretize` checkbox and `Number Of Table Values: 256`.