Reading Tiff format in cisTEM

Mon, 03/25/2019 - 02:40   **#1**

phonchi

Reading Tiff format in cisTEM

Dear developers:

I have some movie files store in mrc format. I would like to reduce the size so I convert them into tif format using

```
mrc2tif -s -c lzw movie_file.mrc movie_file.tif
```

However, after conversion, I can not align them using cisTEM.

The error is as follows:

===

Error. Unsupported sample format: 2. Filename = /home/users/phonchi/appo_10/test.tif, Directory # 0

Error. Unsupported sample format: 2. Filename = /home/users/phonchi/appo_10/test.tif, Directory # 1

Error. Unsupported sample format: 2. Filename = /home/users/phonchi/appo_10/test.tif, Directory # 2

Error. Unsupported sample format: 2. Filename = /home/users/phonchi/appo_10/test.tif, Directory # 3

Error. Unsupported sample format: 2. Filename = /home/users/phonchi/appo_10/test.tif, Directory # 4

Error. Unsupported sample format: 2. Filename = /home/users/phonchi/appo_10/test.tif, Directory # 5

....

===

Any suggestions? Thanks in advance!!

timgrant

Hi,

This means that the tif format cannot be read by the released version of cisTEM. For example, 4-bit files cannot be read by the released version (although it will be readable in the next release). Are these files 4-bit?

Cheers,

Tim

Mon, 03/25/2019 - 21:19 <u>(Reply to #2)</u>

phonchi

Thanks for the reply! How do

Thanks for the reply! How do I check whether my mrcs or tiff is 4-bit files or not? If it is 4-bit files, does it mean that currently, I should not convert it into tiff files?

Thanks in advance!