## Downloading and Running AgeCalcML with MATLAB



### A step-by step guide from the Arizona LaserChron Center

#### Step 1. Download AgeCalcML from GitHub at github.com/kurtsundell/AgeCalcML

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→ C 🔒 github.com	/kurtsundell/AgeCalcML				* * * 8
Search or jump to	7 Pull requests iss	sues Marketplace Explore			Q +• 🌖•
kurtsundell / AgeC	CalcML			⊙ Unwatch + 1	☆ Star 2 양 Fork 1
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	🐙 kurtsundell SE bug fix		Clone with HTTPS ①	Arizona LaserChron Center Data Reduction Software	
	AgeCalcML.fig	1.42	URL.	C Readme	
	AgeCalcML.m	new scanlist	https://github.com/kurtsundell/AgeC	5₫ View license	
	AgeCalcML_E2.fig	SE bug fix	(4) - O - Children Disktop		
	AgeCalcML_E2.m	concordia %		Releases 4	
	AgeCalcML_Nu_Hf.fig	Add files via upload	Download ZIP	AgeCalcML-1.42     Latest     on May 27	
	AgeCalcML_Nu_Hf.m	m	2 months ago	+ 3 releases	
	AgeCalcML_Nu_IAM.fig	IAM	6 months ago		
	AgeCalcML_Nu_IAM.m	12 s IC patch	29 days ago	Backages	

Step 2. Save and unzip the file and put it somewhere on your computer

Save As:	AgeCalcML-master	•
Tags:		
Where:	🛅 Desktop 📀	
Forn	nat: Zip archive	
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The program will fail if you try to run it in compressed (.zip) format and will often encounter problems if run in your Downloads directory

It is good practice to keep your MATLAB files and folders organized in the same place, such as in a directory named "Documents/MATLAB/"

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< >			Q Search		
Favorites	Name	Date Modified	Size	Kind	
AirDrop	0E0S_251	Dec 5, 2019 at 7:53 AM		Folder	
Recents	MATLAB AgeCalcML-master	Jul 19, 2020 at 2:27 PM		Folder	
—		Today at 12:56 PM		Folder	
iCloud Drive	QGIS	Mar 25, 2020 at 8:06 AM		Folder	
Applications	🕨 📄 Spanish	May 5, 2019 at 6:06 AM		Folder	
	▶ 🛅 WebEx	Jul 15, 2020 at 6:02 AM		Folder	
Desktop	Zoom	Jun 19, 2020 at 2:54 PM		Folder	
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Downloads		•			
😭 kurtsundell					

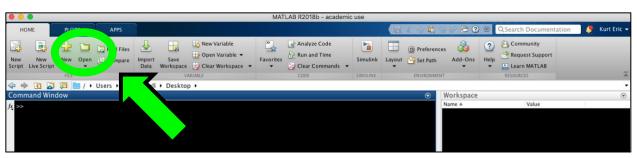
#### Step 3. Open the AgeCalcML-master directory

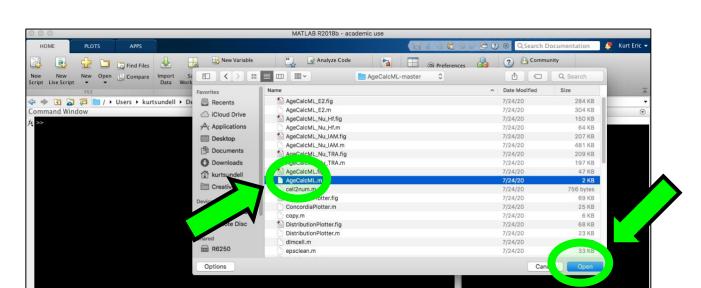
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avorites	Name	∧ Date Modified Size	Kind
() AirDrop	AgeCalCML	Jul 24, 2020 at 2:34 PM	Folder
Recents	AgeCalcML-master	Jul 24, 2020 at 3:00 PM	Folder
Recents	DZmds	Jun 2, 2020 at 9:34 PM	Folder
ICloud Drive		Jun 15, 2020 at 12:15 PM	Folde
Applications	DZnmf	Jan 30, 2020 at 11:58 AM	Folder
	DZstats	Mar 4, 2020 at 11:37 AM	Folder
Desktop	DZstats2D	Jul 19, 2020 at 1:20 PM	Folder
Documents	Global_Hf	Jan 14, 2020 at 8:02 AM	Folde
O Downloads	HafniumPlotter	May 11, 2020 at 5:31 PM	Folder
kurtsundell	Projects_Tests	Apr 17, 2020 at 9:26 AM	Folder

#### Step 4. Open the file AgeCalcML.m

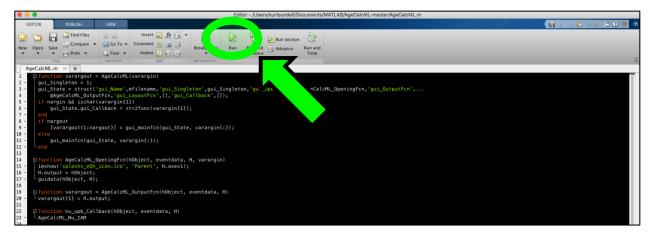
#### • OPTION #1: Double click the AgeCalcML.m file to open in MATLAB

• •	AgeCalcML-	master			
< >			Q Search		
Favorites	Name	Date Modified	Size	Kind	
AirDrop	AgeCalcML_E2.fig	Jul 24, 2020 at 3:00 PM	284 KB	MATLAB Figure	
Recents	AgeCalcML_E2.m	Jul 24, 2020 at 3:00 PM	304 KB	MATLAB Code	
Recents	AgeCalcML_Nu_Hf.fig	Jul 24, 2020 at 3:00 PM	150 KB	MATLAB Figure	
iCloud Drive	AgeCalcML_Nu_Hf.m	Jul 24, 2020 at 3:00 PM	64 KB	MATLAB Code	
Applications	AgeCalcML_Nu_IAM.fig	Jul 24, 2020 at 3:00 PM	207 KB	MATLAB Figure	
	AgeCalcML_Nu_IAM.m	Jul 24, 2020 at 3:00 PM	481 KB	MATLAB Code	
Desktop	AgeCalcML_Nu_TRA.fig	Jul 24, 2020 at 3:00 PM	209 KB	MATLAB Figure	
Documents	TRA.m	Jul 24, 2020 at 3:00 PM	197 KB	MATLAB Code	
O Downloads	🖄 AgeCalcML.fig	Jul 24, 2020 at 3:00 PM	47 KB	MATLAB Figure	
	AgeCalcML.m	Jul 24, 2020 at 3:00 PM	2 KB	MATLAB Code	
la kurtsundell	C cell2num.m	Jul 24, 2020 at 3:00 PM	756 bytes	MATLAB Code	
Creative Cloud Files	🗠 et al de la contertig	Jul 24, 2020 at 3:00 PM	69 KB	MATLAB Figure	
	ConcordiaPlotter.m	Jul 24, 2020 at 3:00 PM	25 KB	MATLAB Code	
Devices	Copy.m	Jul 24, 2020 at 3:00 PM	6 KB	MATLAB Code	
Sophos's MacBook Pro	bistributionPlotter.fig	Jul 24, 2020 at 3:00 PM	68 KB	MATLAB Figure	
Remote Disc	DistributionPlotter.m	Jul 24, 2020 at 3:00 PM	23 KB	MATLAB Code	
Contractor Disc	dimceil.m	Jul 24, 2020 at 3:00 PM	5 KB	MATLAB Code	





Step 5. Run AgeCalcML by pressing the big green arrow



Option #2: Open MATLAB and navigate to the file to open

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 Image: Compare AgeCalcHL x + D function varargout = AgeCalcHL(varargin) = gui\_Singleton = 1; gui\_Singleton = 1; gui\_Singleton = 1; gui\_Singleton, 'gui\_Singleton', gui\_Singleton', gui\_Singleton, 'gui\_OpeningFcn', @AgeCalcHL\_OpeningFcn, 'gui\_OutputFcn',. @AgeCalcHL\_OptutFcn', gui\_LayoutFcn', [], 'gui\_Callback', []); = jrinargin & do ischar(varargin(1)); = end MATLAB Editor File /Users/...MATLAB/AgeCalcML-master/AgeCalcML.m is not found in the current folder or on the MATLAB path. To run this file, you can either change the MATLAB current folder or add its folder to the Change Folder gfunction AgeCalcML\_OpeningFcn(hObject, eventdata, H, va imshow('splashs\_edb\_icon.ico', 'Parent', H.axesl); H.output = hObject; -guidata(hObject, H); Add to Path Cancel Help Ifunction varargout = AgeCalcML\_OutputFcn(hObject, eventdata, H)
varargout{1} = H.output; □<mark>function</mark> nu\_upb\_Callback(hObject, eventdata, H) └AgeCalcML\_Nu\_IAM function nu\_upb\_tra\_Callback(hObject, eventdata, H)
AgeCalcML\_Nu\_TRA

You may get a warning if MATLAB is not set to the AgeCalcML-master directory

# This will set your MATLAB directory to the AgeCalcML-master directory so it can access the function files

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#### And voila! AgeCalcML!

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-Nu Plasma -		Element 2					
U	Th-Pb Isotope Analysis	U-Th-Pb & T/REE					
U	-Th-Pb Time Resolved	-Analysis Tools					
	u-Hf Isotope Analysis	U-Pb Concordia					
		Stacked Concordias					
Acquisition T	ools						
	Scanlist Nu	Age Distribution					
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	Scanlist E2	Stacked Distributions					
	Zircon Spot Finder	Weighted Mean					