

# Signing in to CoCalc

- If you don't already have a CoCalc ID, you will get an email asking you to sign up.
- Mail Tim Greenshaw ([green@liv.ac.uk](mailto:green@liv.ac.uk)) if you have not received an invitation.
- Click on the link in the email, or...
- ...open the CoCalc web site:  
<https://cocalc.com/>

Greenshaw, Tim

**From:** CoCalc <invites@cocalc.com>  
**Sent:** 30 September 2020 17:29  
**To:** timgreenshaw@gmail.com  
**Subject:** CoCalc Invitation to Course Phys105/Phys105course



Collaborative Calculation in the Cloud  
cocalc.com

Hello!  
We will use CoCalc for the course *Phys105/Phys105course*.  
Please sign up!  
--  
Tim Greenshaw

**To accept the invitation:**

1. **Open CoCalc**
2. **Sign up/in using *exactly* your email address** `timgreenshaw@gmail.com`
3. **Open the project 'Phys105/Phys105course'.**

(If you're already signed in via *another* email address, you have to sign out and sign up/in using the mentioned email address.)

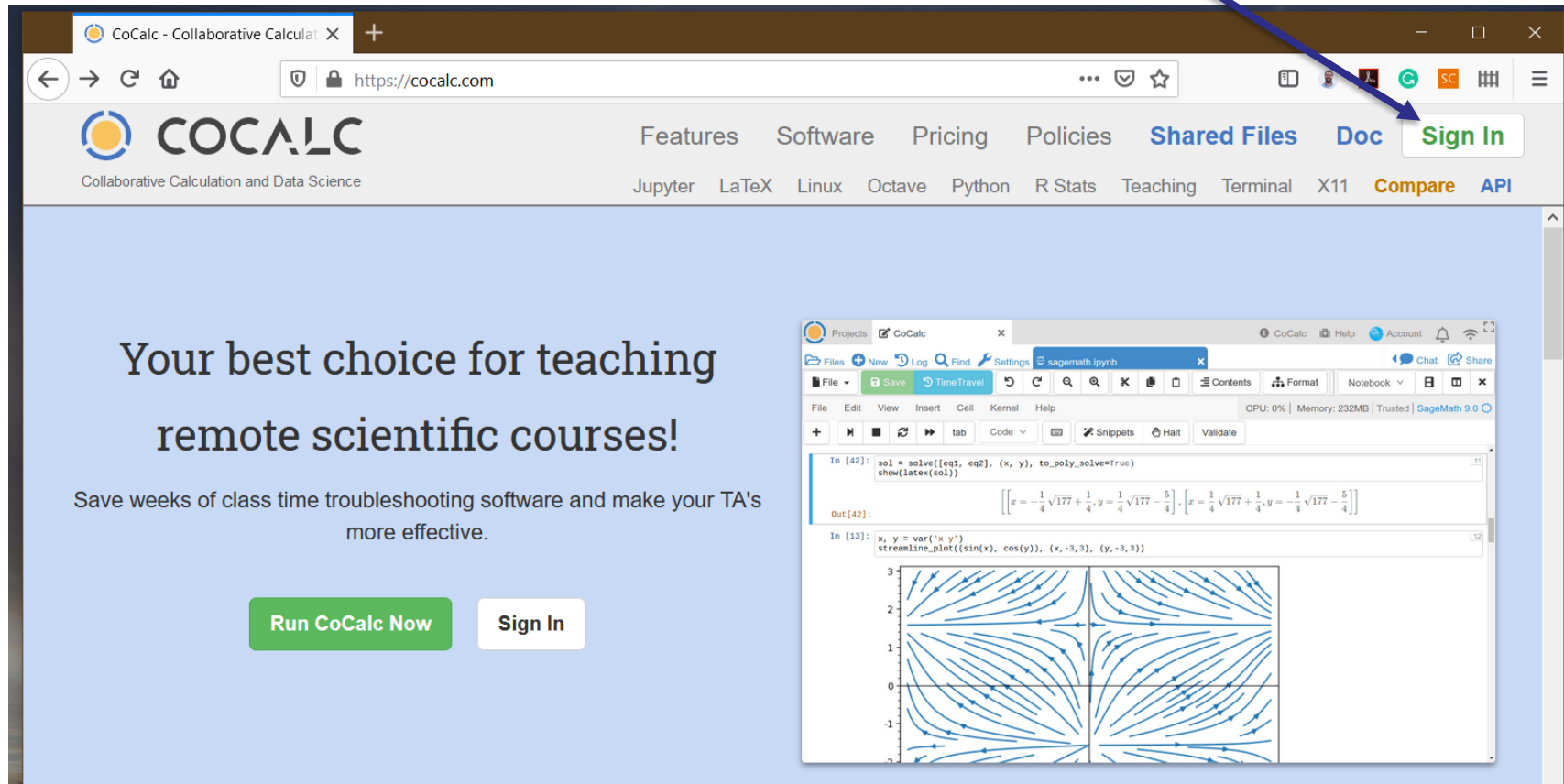
Learn how to use CoCalc  
Documentation - Wiki - SageMath



SageMath Inc., 1212 E Barclay CT, Seattle, WA, USA  
office@sagemath.com

# Signing in to CoCalc

- Sign in, using the email address the invitation was sent to.

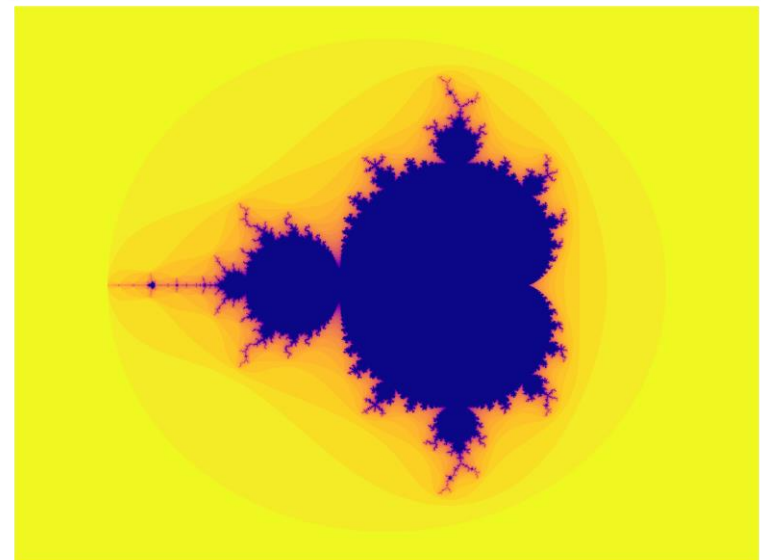
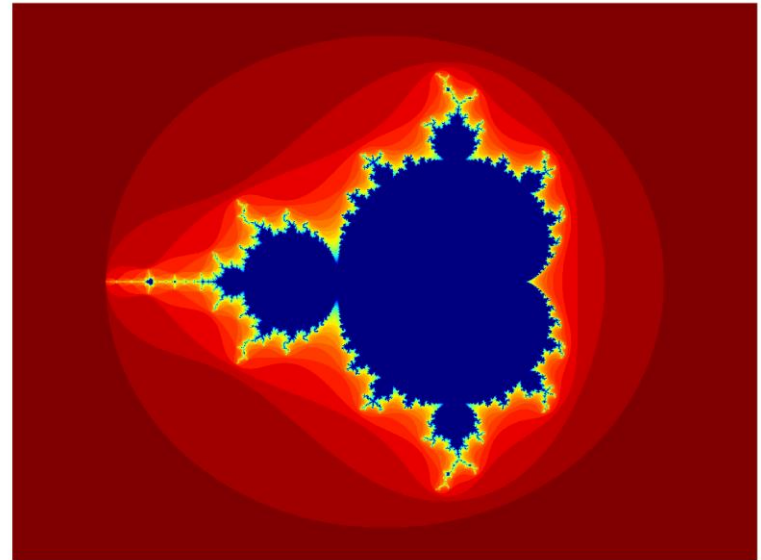


The screenshot shows the CoCalc website interface. The browser address bar displays `https://cocalc.com`. The navigation menu includes links for Features, Software, Pricing, Policies, Shared Files, Doc, and Sign In. A blue arrow points from the text in the list above to the 'Sign In' button. The main content area features the text 'Your best choice for teaching remote scientific courses!' and 'Save weeks of class time troubleshooting software and make your TA's more effective.' Below this text are two buttons: 'Run CoCalc Now' and 'Sign In'. An inset window shows a Jupyter notebook interface with a SageMath kernel. The notebook contains two input cells: the first cell executes `sol = solve([eq1, eq2], (x, y), to_poly_solve=True)` and displays the output `[[x = -1/4*sqrt(177) + 1/4*y = 1/4*sqrt(177) - 5/4], [x = 1/4*sqrt(177) + 1/4*y = -1/4*sqrt(177) - 5/4]]`; the second cell executes `x, y = var('x y')` and `streamline_plot((sin(x), cos(y)), (x,-3,3), (y,-3,3))`, displaying a vector field plot.

- CoCalc help for students is at: <https://doc.cocalc.com/teaching-students.html>

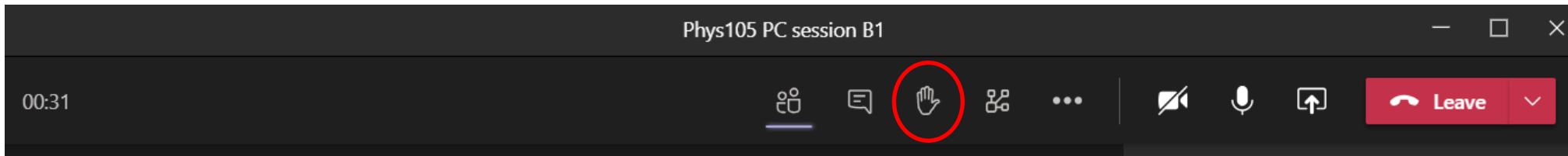
# Working on a Notebook

- When you sign in, you will be able to see the Phys105 project.
- Click on the links until you get to the relevant folder, for example:
- Click [John Shaw - Phys105 Introduction to Computational Physics/Phys105](#)
- Then [Phys105 Introduction to Computational Physics](#)
- And `ComputerClassesStudent`
- And `Phys105-Week00`
- And finally on `Phys105-Week00-Student.ipynb`
- If you want help, ask a demonstrator.
- They should be able to edit your Notebook with you (we will test this today!).

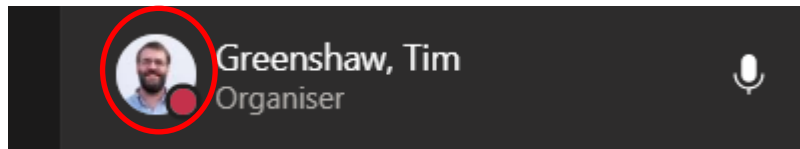


# Using Teams to get help

- When you want help, please raise your Teams hand.



- To chat privately with a demonstrator, click the blob next to their name.



- You then get various options in a dropdown menu.
- You can message them, or set up an audio or video call by clicking the relevant symbols.
- If you raise your hand, the demonstrators will do this when they are free to help you!

