

# Festival UCJC

Programando música con Sonic Pi





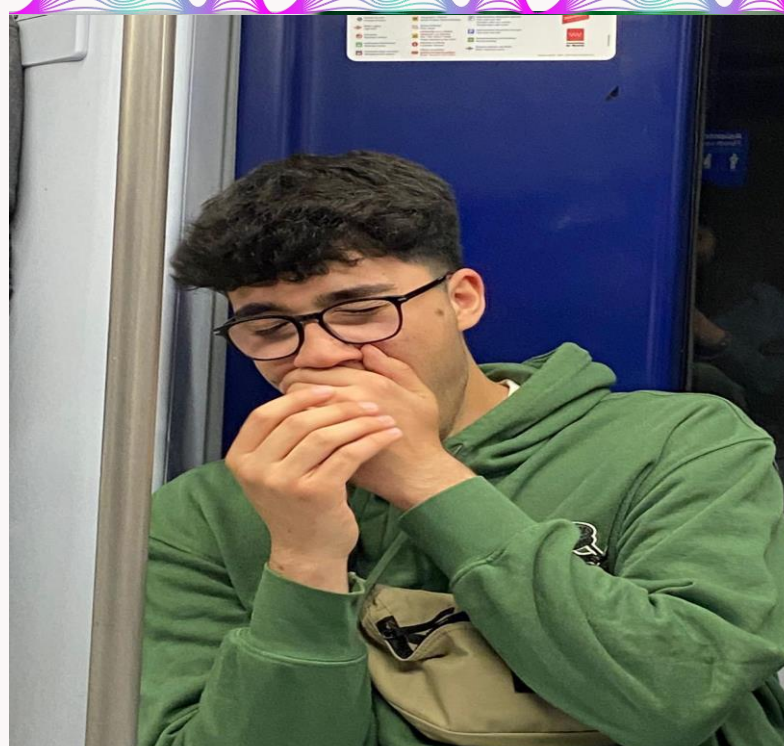
# El grupo de Compañía Letal



**Marcos  
Sánchez Morales**



**Nielsen Casado  
García**



**Vittorio  
Ferone**



**Javier Langa  
Subiron**





# Creador de Sonic Pi

Sam Aaron

# ¿Programar música?

(((*Sonic  $\pi$* )))



1.



2.



3.



Origen de Sonic Pi

Profesionalidad-Hobbie

Utilidad

# Primer contacto con Sonic Pi



1.

**Elegir el estilo:**  
Pop? Techno?  
Hip Hop?

2.

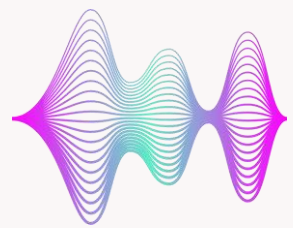
**Primer contacto con las  
melodías**

3.

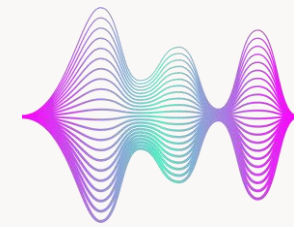
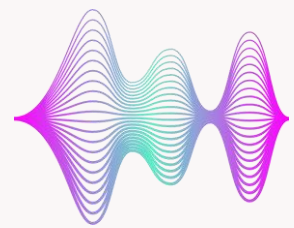
**Empezamos a crear el arte  
;)**



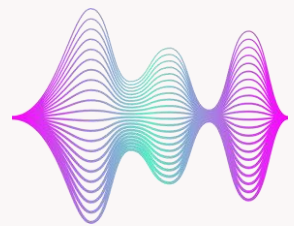
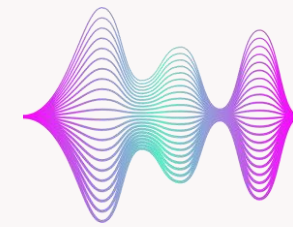
# Producción de la base



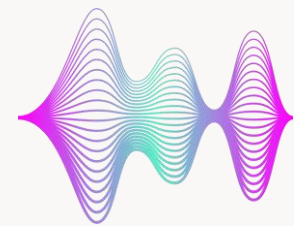
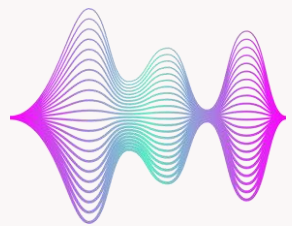
Estructura



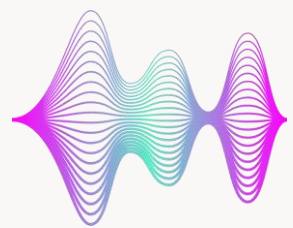
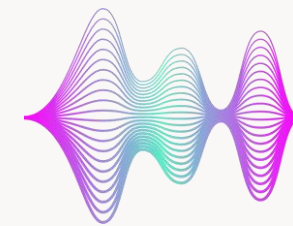
Bajo



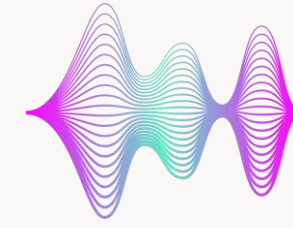
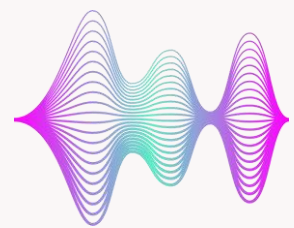
Ritmo



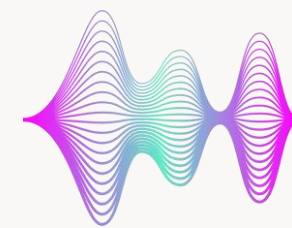
Samples



Melodías



Tempo



# Producción de la base

```
live_loop :guitarra do
  with_fx :echo, mix: 0.5, phase: 0.75 do
    with_fx :bitcrusher, bits: 8 do
      sleep 2
      sample :guit_e_slide, rate: 0.8, amp: 0.7
      sleep 6
      sleep 2
      sample :guit_e_slide, rate: 0.8, amp: 0.7
      sleep 2
      sample :guit_e_slide, release: 1, rate: 0.8, amp: 0.7
      sleep 1
      sample :guit_e_slide, release: 3, rate: 0.8, amp: 0.7
      sleep 1
      sample :guit_e_slide, release: 0.3, rate: 2, amp: 0.9
      sleep 1
      sample :guit_e_slide, release: 0.3, rate: 2, amp: 0.9
      sleep 1
    end
  end
end
```

# Producción de la base

```
live_loop :bombo do
  sample :bd_haus, amp: 1.5
  sleep 1
end
live_loop :palmada do
  sync :bombo
  sleep 0.5
  sample :perc_snap
  sleep 0.5
end

live_loop :sonido_fondo do
  sample :loop_garzul, amp: 0.7 , rate: (knit -1, 1).tick
  sleep 8
end
```



# Producción de la base

```
live_loop :sint do
  synth :tb303, release: 8, note: :e1, cutoff: (range 90, 60, -10).tick
  sleep 8
  synth :tb303, release: 8, note: :a1, cutoff: (range 90, 60, -10).tick
  sleep 8
end
```



# *EMPECEMOS*

**Lethal session**