In [ ]:

```
import cv2

# Load the pre-trained face detection Haar Cascade classifier
face_cascade = cv2.CascadeClassifier(cv2.data.haarcascades + "haarcascade_frontal

# Open the webcam
cap = cv2.VideoCapture(0)

while True:
    ret, frame = cap.read()

    if not ret:
        break

    # Convert frame to grayscale for face detection
    gray_frame = cv2.cvtColor(frame, cv2.COLOR_BGR2GRAY)

    # Detect faces in the frame
    faces = face_cascade.detectMultiScale(gray_frame, scaleFactor=1.1, minNeighbo
    for (x, y, w, h) in faces:
        # Extract the region of interest (ROI) for the face
        face_roi = frame[y:y+h, x:x+w]

        # Apply Gaussian blur to the face ROI
        blurred_face = cv2.GaussianBlur(face_roi, (99, 99), 20)

        # Place the blurred face back into the original frame
        frame[y:y+h, x:x+w] = blurred_face


    cv2.imshow('Blurred Faces', frame)


    if cv2.waitKey(1) == 13:
        break



cv2.destroyAllWindows()
cap.release()
```